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Lancaster Farming

VOL. 15 NO. 14 | Lancaster Farming, Saturday, February 28, 1970 | $2.00 Per Year

Among Garden Spot Young Farmers officers for 1970 are: from left, Monroe Good, treasurer; John J. Landis, public relations director; William Fisher, secretary; Clyde Martin, member-at-large; Mervin Hoober, member-at-large, and John Campbell, president. In addition Loren Zimmerman, was elected vice president.

Economist Projects Fair Year For Beef

Prices are up, so beef cattle producers should make money in 1970, but not as much as in 1969, according to H Louis Moore, Penn State agricultural economist

Moore said beef profits will be particularly hard hit this year by the cost of feeder calves

He said feeder calves in the 500 to 700 pound range have been running at $35 a hundred weight, compared to the $30 to $31 the producer can get for the finished 1 100 to 1,300 pound animal

The producer has to be awfully efficient to pay $35 for the smaller animal and make money by selling him back at $30, Moore said

Moore predicted the feeder calf will remain high, because of the relative shortage of supply for them in relation to cattlemen demand

Moore also foresaw possibilities that cattlemen will be caught this year between the forces of inflation and recession.

Continued federal efforts to slow inflation could lead to higher unemployment, which could begin to detract from beef sales.

An increase in beef production in the range of two to four per cent is expected in 1970 compared to only one per cent.

Despite a 10 per cent import on meat cuts, some countries began shipping in substantial amounts of meat in 1969, Moore told about 70 county cattle feeders.

He laughed at his beef industry forecast a year ago and conceded that if the assumptions on which a forecast are based turn out to be wrong, then the forecast will be wrong

He had projected a poor year

(Continued on Page 6)

H. Louis Moore

Weather Forecast

Weather for southeastern Pennsylvania is projected to stay cold Saturday through Tuesday, with possibility of rain or snow Monday night or Tuesday.

Saturday will be partly cloudy, breezy and cold with temperatures ranging between 35 and 40 degrees No precipitation is expected, according to the Philadelphia Weather Bureau

It will be cold Sunday and Monday Monday will be fair with a chance of rain or snow Monday night or Tuesday

Tuesday will be not so cold Sunday through Tuesday will have daytime high's near the 40's with overnight lows in the mid-20's

Farm Calendar

Monday, March 2

6.30 p m.—P. L Rohrer and Bro. Inc and Chevron Chemical Co, annual fertilizer banquet, Meadow Hills Dining Club.

7:30 p m —Lancaster County 4-H Soil and Water Conservation Club, home of Tim Breneisen, Conestoga RD1

7 30 p m —Elm-Penryn Community 4-H Club reorganization Penryn Fire Hall

Tuesday, March 3

4:30 p m —County Vo-Ag Lampeter Strasburg High School

7.30 p m —Ephrata Young Farmers, dairy herd management course, vo-ag room

7 30 p m —Garden Spot Young Farmers Assn, dairy breed-

(Continued on Page 7)

Young Farmers Elect 1970 Officers For Garden Spot

John C Campbell has been elected president of the Garden Spot Young Farmers for 1970

The ballot election was held at the organization's annual banquet last week and announced early this week

Loren Zimmerman was chosen vice president

William Fisher will be secretary, Monroe Good, treasurer, and John Landis, public relations director

Mervin Hoober and Clyde Martin were voted members-at-large

The new officers were selected by vote from a larger list of candidates presented by the nominating committee

Officers in 1969 were Larry Weaver, president, Loren Zimmerman, vice president John Yost, secretary Dale Herr treasurer, John C Campbell, publicity chairman, Kenneth Martin, Mervin Weiler and Monroe Good, members-at-large

Hybrid Corn For Southeastern Pa.

Hybrid field corn specially developed for southeastern Pennsylvania is now available in limited amounts from commercial seed growers, according to Dr Guy W McKee, secretary of the Agricultural Experiment Station at Pennsylvania State University

The corn geared for use in southeaster Pennsylvania is among several newer varieties of hybrid field corn developed and released by the Agricultural Experiment Station

A small amount of seed is available this season for Pa 848 hybrid corn adapted to southeastern Pennsylvania Pa 848 is outstanding in yield, standability, and resistance to smut and blight It was developed by Dr Melvin W Johnson and Dr. Walter I Thomas

Limited seed supplies are now available for two other field corn hybrids adapted to southeastern Pennsylvania, Pa 855 and Pa 8703 Pa 855 is superior in stalk strength to Pa 820, an older hybrid, and has good resistance to leaf blight, smut, and aphids Pa 855 was developed by Dr Walter I. Thomas and Dr George W Gorsline Dr Melvin W Johnson developed Pa 8703

Available in good supply this season will be Pa 450 hybrid corn, an improved hybrid for medium length growing seasons

(Continued on Page 6)

What's New?

Lancaster Farming this week introduces a new feature, "What's New," to present in capsule form some of the many innovations constantly coming on the market to make farming more efficient

The feature is designed to give Lancaster County farmers some insight into some specific changes underway in farm equipment and practices.

Because of space and time limitations, the items presented in this column can generally present only a fraction of the information available on a particular item We suggest the individual companies or their representatives be contacted if further information is desired

New Holland

New Holland Machine Co has announced two new pitmanless mowers, the three-point hookup Model 451 and the trailing type Model 456

On both the drive head has been re-engineered with tapered anti-friction bearings for a substantial increase in service-free use life. Stronger frames and a beefed up cutterbar attachment greatly improve the mower's ability to withstand the severe load in today's heavily fertilized, higher yielding hay crops.

Leveling Tool

DriALL Driers, Inc, Attica, Ind, has introduced the LevLer, a patented low-cost leveling tool that eliminates ridges and depressions, giving a smooth seed bed

(Continued on Page 19)

Poultry Cancer Scare Called 'Unfortunate'

The recent poultry cancer scare is "the most unfortunate thing that ever hit," a Pennsylvania Department of Agriculture official said in Lancaster Thursday night

Speaking on 'A Review of the Poultry Inspection Law at the poultry series at the Farm and Home Center, Dr Fred Herring said poultry inspection standards "have not changed "

"Any bird" with cancerous tissue is condemned, he said, but added that the rate of condemnation necessary by inspectors "is not high "

In a movie on progress in the U S poultry industry, including inspection standards, it was reported that since the 1930's poultry prices have declined sharply, but poultry consumption has increased rapidly

Americans now consume 25 pounds of chicken per person each year duck geese and other poultry bring the total to 38 pounds, or a total of about 6.5 billion pounds of poultry a year.

In a panel discussion on "What Consumers Want From an Egg," it was reported housewives and other consumers still want the fresh egg, and not canned versions of it now on the market.

Mrs Doris Thomas, extension home economist, led the panel. With her were Mrs Elizabeth Geiger, supervisor of the school food lunch program for Lan-

(Continued on Page 9)

MARKET NEWS REPORT

At Lancaster Yards

Weekly Review

February 26, 1970

CATTLE 2600 — Compared to last weeks close, Slaughter Steers fully steady, instances 50 higher on Prime over 1200 lbs, Cows steady to 50 lower, Bulls mostly steady Feeder buyer bought about 100 head Good and Choice 950-1200 lbs Slaughter Steers for further feeding

SLAUGHTER STEERS — High Choice and Prime 1050-1350 lbs 31 50 32 85, Choice 950-1300 lbs 30 25 32 10, 1300-1450 lbs 29 25-31 00, high-Good and low Choice 29 10 31 00; Good 27 - 25 29 50, Standard and low-Good 26 00 27 75

SLAUGHTER HEIFERS — Choice 800-975 lbs 27 75-29 50, Good 25 00-27 50.

COWS — Utility and high-dressing Cutter 21 50-23 50, few 23 50-23 75, Cutter 21 00-22 00

BULLS — Choice 28 50-29 85, few 30 75-31 60, Good 27 35 28 - 75, Utility and Commercial 27 - 50-29 85, few 30 10 30 85

FEEDER STEERS — Choice and Prime 950-1150 lbs with Good and Choice slaughter finish 30 50-30 85, Choice 950-1200 lbs 28 85-30 00

CALVES 400 — Vealers mostly steady

VEALERS — Choice 56 00-59 50, Good 52 00-57 00, Standard 43 50-50 50, Utility 36 50-44 - 00 Cull 90-120 lbs 26 00 32 00

HOGS 1050 — Barrows and Gilts 75 1 00 lower

BARROWS AND GILTS — US 1-2 200-250 lbs 28 75-29 00 Couple lots US 1 250-265 lbs 29 50 US 2-3 200-280 lbs 28 25-28 75

SHEEP 350 — Wooled Lambs mostly steady

WOOLED LAMBS — Couple lots Choice 90-105 lbs 29 50-30 00 one lot Good 90 lb 28 00

Local Grain Prices

These prices are made up of the average prices quoted by six participating local feed and grain concerns It should be noted, however, that not every dealer handles each commodity All prices are per bushel, except for ear corn which is per ton

The average local grain prices quoted Thursday February 26, 1970 are as follows

	Bid	Offered
Corn (ear)	$39 00	$42 33
Corn (shelled)	$1 43	$1 55
Oats	$ 72	$ 83
Barley	$1 13	$1 34
Wheat	$1 47	$1 66

Bid is the price the dealer will buy from the farmer delivered to the mill Offered is the price the dealer will sell for at his mill

MEN NEEDED
In this area to train as
LIVESTOCK BUYERS
LEARN TO BUY CATTLE, HOGS AND SHEEP
at sale barns, feed lots, and farms We prefer to train men 21-55 with livestock experience
For local interview, write age, phone, address and background
National Meat Packing
236 E. Town
Columbus, Ohio 43215

At Lancaster Yards

Auction Only

February 25, 1970

CATTLE 984 — Compared to last Wednesday, Slaughter Steers fully steady, instance 50 higher on Prime over 1200 lbs; Cows steady to 50 lower; Bulls mostly steady Feeder buyer bought about 100 head Good and Choice 950-1200 lbs Slaughter Steers for further feeding.

SLAUGHTER STEERS — High-Choice and Prime 1050-1350 lbs. 31.50-32 85, Choice 950-1300 lbs 30 25-32 10, 1300-1450 lbs 29 25 31 00, high-Good and low-Choice 29 10-31 00; Good 27 35-29 50, Standard and low-Good 26.00-27 75

SLAUGHTER HEIFERS — Choice 800-975 lbs 27.75-29 50; Good 25 00-27 50

COWS — Utility and high-dressing Cutter 21 50-23 50, few 23 50-23 75, Cutter 21 00 22 00

BULLS — Choice 28 50-29 85, few 30 75-31 60; Good 27 35-28 - 75; Utility and Commercial 27 - 50-29 85, few 30 10-30 85, individual 32 00

FEEDER STEERS — Choice and Prime 950-1150 lbs in Good and Choice slaughter finish 30 - 50-30 85, Choice 950-1200 lbs 28 - 85-30 00

CALVES 90 — Vealers mostly steady

VEALERS — Choice 56 00-59 50, couple 60 50 61 00, Good 52 00 57 00, Standard 43 50-50 - 50, Utility 36 50-44 00, Cull 90-120 lbs 26 00-32 00

(Continued on Page 3)

Vintage Auction

February 24, 1970

CATTLE 902 — Compared to last Tuesday, Slaughter Steers uneven, Standard to Choice fully steady, high-Choice and Prime steady to 50 higher with the advance mainly on weights over 1225 lbs; Cows steady to weak, instances 25 lower on Utility, Bulls steady to 50 higher Supply included 35 percent Cows

SLAUGHTER STEERS — High-Choice and Prime 975-1450 lbs 31 50-32.50, Choice 950-1250 lbs 30.00 31 85, 1250-1450 lbs 29 75-31 50; high-Good and low-Choice 29 00-30 50, Good 27 00-29 75; Standard and low-Good 24 50-27 75.

SLAUGHTER HEIFERS — Good 600-950 lbs 25 50-27 75

COWS — Utility and high-dressing Cutter 21.00-22 75, few 22 85-23 50; Cutter 20 50-22.25 Canner and low-Cutter 18 75-20 50

BULLS — Choice 28 75-29 75, Good 27 25-28 75, Utility and Commercial 27.00-29.75, five head 29 85-31 25, individual 2200 lbs 33 85

FEEDER STEERS — Part load mostly Choice 740 lbs 33 - 35, around a load Choice and Prime 975-1100 lbs. with Good to low-Choice slaughter finish 29 25-30 85

CALVES 444 — Vealers 1 00 2 00 higher, most advance on Cull and Utility

VEALERS — Choice 56 50-60 00, Good 52 00 56 50, Standard 45 00-52 00, Utility 37 00-45 -

(Continued on Page 3)

FUTURES TRADING

(Closing bids as of Thursday, February 26, 1970)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
March			3.71	43.45
April	31.40	28.05	4.01	38.30
May			4.63	36.15
June	31.70	28.50		35.90
July	-	28.50		
August	31.50	27.67		
September				37.75
October	30.70	25.10		
November			2.60	
December	30.45	24.00		
January '71				38.20
February	30.15			

a-asked b-bid n-nominal

Trend Cattle are stronger Hogs steady, Potatoes stronger, and Eggs weaker

New Holland Auction

February 26, 1970

CATTLE 655 — Compared with last Thursday slaughter steers steady, instances strong to 50 higher on high Choice and Prime; cows weak to 50 lower, instances 75 lower; bulls fully steady Supply included 46 percent cows.

SLAUGHTER STEERS — High Choice and Prime 1050-1300 lb 32.00-32 85, Choice 950-1400 lb 29 85-32 00, high Good and low Choice 28 85-30 25, Good 26 85-29 85, Standard and low Good 26 00-27.75

COWS — Utility and high dressing Cutter 20 75-22 85, few 23 00-23 75, Cutter 19.75-22 00

BULLS — Choice 28 75-30 00, six head 30 60-32.25, Good 27.25-28 75; Utility and Commercial 26 75-29 25, five head 30.00-30.-35

CALVES 351 — Vealers mostly steady, although some sales Choice 1 2 00 lower

VEALERS — Choice 54 00 58 00; Good 51 00-55 50; Standard 45.00-52.00; Utility 36 00-44 - 00; Cull 90-120 lb 30 00-35 00, 65-85 lb 23 50-29 50

SHEEP 4 — No market test

COWS
February 25, 1970

Receipts of 135 cows and 2 heifers sold stronger Fresh Holstein 400-810, Guernseys 225-390, Other breeds 275-350, Heifers 300-320

HORSES
February 23, 1970

Receipts of 320 horses sold steady on riding horses and stronger on draft Riding Horses 100-290, Driving Horses 90-395, Work Horses (pair) 570-850, (single) 140-310, Mules (pair) 500-750, (single) 145 300, Pony mares 15-30, Geldings 10-25, Killers 8-9

HOGS
February 23, 1970

Receipts of 1246 hogs sold steady to 25c lower Retail 29 50-31 - 00, Wholesale No 2 3,4 29 25-29 50. Heavyweights 27.00-29.25; Sows 22 24; Boars 19-22.

CALVES
February 23, 1970

Receipts of 90 calves sold steady Choice and Prime 53-58 50; Standard 41-48 50; Good and Low Choice 49-52 50; Common 25-40.

HAY
February 23, 1970

Twenty seven loads of hay sold as follows Timothy and Mixed $30 -$40; Alfalfa $43 -$50.; Straw $40 $47

New York Eggs

Prices sharply lower Street trading slow but improved slightly Most distributors continue to be free sellers and price concessions numerous in an effort to clear floor stocks Receipts limited on browns, light on whites with diversions to out of town points Supplies of jumbos adequate, extra large and large ample with less than fancy quality plentiful and offered in a wide range of price and quality but mediums and smalls occasionally burdensome Carton orders disappointing locally occasionally improved for spotty retail ads

Chicago Cattle

Weekly Review

CATTLE — Compared with last Friday, slaughter steers 50 higher instances 75 up on weights over 1300 lbs. Slaughter heifers steady to 25 higher. Cows steady. Bulls 50 higher.

Receipts 70 percent slaughter steers and 25 percent slaughter heifers with balance mostly cows Overall finish slaughter steers more attractive than last week with 25 percent Prime and 60 percent Choice, compared with 20 percent Prime and 67 percent Choice last week and 10 percent Prime and 74 percent Choice last year. Average cost slaughter steers estimated at 30 90 for the week, compared with 30 25 last week and 29.24 last year Average weight steers expected to be near 1200 lbs. up substantially from last weeks 1176 lbs and compared with 1138 lbs same week last year. Heifer supply mostly High Good to Prime weighing 850-1100 lbs.

SLAUGHTER STEERS — On Wednesday, Prime 1200-1450 lbs Yield Grade 3 and 4 32.00-32 50 with 10 loads at 32.50. High Choice and Prime 1150-1500 lbs 31 50-32 25 Choice 950-1400 lbs Yield Grade 2 to 4 30.-50-31 75 Choice 1400-1500 lbs. Yield Grade 3 and 4 30 00-30.50. Mixed Good and Choice 950-1300 lbs Yield Grade 2 to 4 29.-50-30 50

SLAUGHTER HEIFERS — On Wednesday, High Choice and Prime 925-1100 lbs Yield Grade 3 and 4 30 50-31.00, Choice 850-1050 lbs. Yield Grade 2 to 4 29 00-30 25 Mixed Good and Choice 28 25-29 25.

Sheep Council Meets

The annual meeting of delegates of the American Sheep Producers Council will be held 10-12 at the Albany Hotel in Denver. About 150 delegates are expected to attend

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10 mi East of Lancaster on Rt 30
Kenneth E. Hershey, Sales Manager

Weekly Poultry Report

Fogelsville

February 24, 1970

(Prices paid dock weights, cents per lb , except where noted)

HENS, Heavy Type 8-27 mostly 16 22; PULLETS 29-31; ROASTERS 11-39 mostly 27-30; DUCKS 23-35 mostly 30-32; DRAKES 25-38 mostly 35-38; TURKEYS, Toms 25; TURKEYS, Hens 37-39½; RABBITS 37-56 mostly 46-53; GUINEAS 60-63½; PIGEONS (Per Pair) 1.00-1.50.

TOTAL COOPS SOLD 415.

Eastern Pennsylvania And New Jersey

Prices unchanged to lower on light type hens. Demand continues fairly good though processors often readily obtaining supplies from outside producing area Offerings generally light despite sharp declines in egg market in past several days. Increased offerings of heavy type hens fully adequate to ample for limited buying interest Prices paid at farm Light Type 8-11¼ M 11-11¼ in Pennsylvania mostly 9-10 in New Jersey. Heavy type hens TFEWR.

Delmarva

Ready-to-cook movement spotty ranging light to fair at best. Advance interest fair but very competitive pricewise with settlements very limited as both buyers and sellers take a wait and see position. Less than trucklot prices unchanged to lower and often forced for quick clearance. Live supplies fully adequate. Undertone weak

Pool trucklot (Thursday arrival at terminal markets) U S. Grade A 26½-28 M 27, Plant Grade 26 27 M 26½c Special packs including 1¾-2, 3½# sizes TFEWR.

Federally Inspected Livestock Slaughter

(For week starting February 23, 1970)

	Cattle	Hogs	Sheep
Week to date	395,000	1,030,000	127,000
Same period last week	444,000	1,103,000	153,000
Same period last year	458,000	1,255,000	155,000

Estimated daily livestock slaughter under Federal Inspection.

Lambs, Sheep Parasites Topics At Farm Center

Lamb production and sheep parasite control will be discussed at 7 30 p m. Thursday at the Farm and Home Center.

Ben Morgan, Penn State livestock extension specialist, will discuss "10 Keys to Profits in Lamb Production."

Dr. Samuel Guss. Penn State extension veterinarian. will speak on "What's New in Sheep Parasite Control."

Both men are recognized throughout the country as authorities in good sheep feeding and management.

USDA Buys Juice

The U. S Department of Agriculture has announced an offer to buy canned apple juice, U. S. Grade A. processed from apples of the 1969 crop, for distribution to needy families

USDA's Consumer and Marketing Service said that purchases will be made on an offer and acceptance basis, using funds authorized under Section 32 of Public Law 78-320. The apple juice is to be fortified with vitamin C to help improve the nutritional level of foods donated to needy families Details and specifications are being mailed to canners.

● Lancaster

(Continued from Page 2)

HOGS 310 — Barrows and Gilts 75-1 00 lower

BARROWS AND GILTS — US 1 250-265 lbs 29 50 US 1-2 200-250 lbs. 28 75-29 00 US 2-3 200-280 lbs 28 25-28 75. US 3-4 255-275 lbs. 27 85.

SHEEP 30 — Wooled Lambs mostly steady.

WOOLED LAMBS — Couple lots Choice 90-105 lbs 29 50-30 - 00, one lot Good 90 lb 28 00.

Weekly New York Egg Mkt.

From Monday, February 23rd to Friday, February 27th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex Large		50-51	48 49	48 49	48 49
Fcy. Large		50	48	48	48
Fcy. Mediums		43	40 41	39 40	38-40
Fcy. Pullets		40	37	37	37
Fcy. Peewees		30	29	29	29
BROWN					
Fcy. Large		50	48	48	48
Fcy. Mediums		44	42	40	39 40
Fcy. Pullets		40	37	37	37
Fcy. Peewees		30	29	29	29
Standards		45	43	43	42-43
Checks		33-34	32-33	32-33	32-33

Trend Market undertone showing some slight improvement but surplus offerings difficult to place.

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● Vintage

(Continued from Page 2)

00, Cull 90-120 lbs 30 00 37 00, 65 85 lbs 27 00-32 00

HOGS 452 — Barrows and Gilts steady to weak, instances 25 lower

BARROWS AND GILTS — Few US 1 210-220 lbs. 30 50 30 - 75 US 1-2 200 230 lbs 29 75- 30 00 Bulk US 2 3 195-255 lbs. 29 00 29 50 US 3 4 225-260 lbs. 28 00 28 75

SHEEP 27 — Wooled Lambs and Slaughter Ewes mostly steady

WOOLED LAMBS — Few Good and Choice 70 110 lbs. 26 50-30 50

SLAUGHTER EWES — Utility and Good 7.00-13 00.

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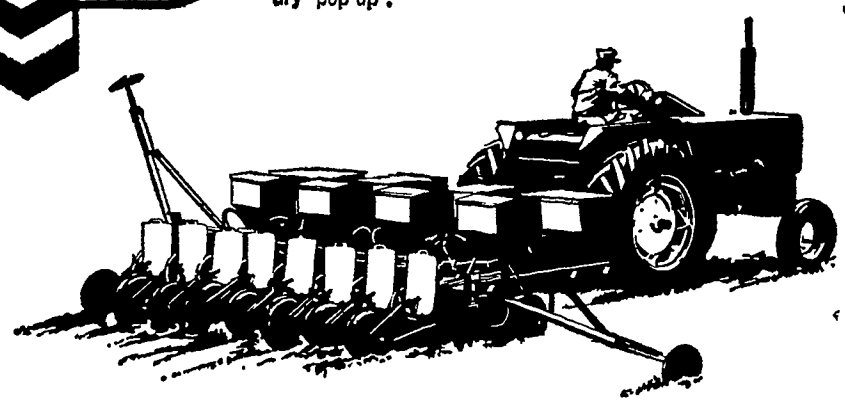
— Double Duty Nutrients STARTER SPECIAL has both quick-acting and long-lasting nitrogen and phosphorus for thorough plant feeding There is no urea or diammonium phosphate that might endanger the seed through liberation of free ammonia

Of course, these features also make it highly effective as a banded starter But, with only slight adaptation of most planters, it can be applied directly with the seed in exacting measurement for safety and maximum response.

With this kind of control, you apply much less material — only 1/3 the amount needed for banding And the reduced material handling could cut your planting time in half!

So, save time, trouble, and money at planting time. See us soon about applying STARTER SPECIAL this spring as a dry "pop up".



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Plan For Pollution

The statement this week that air pollution is costing Pennsylvania farmers millions of dollars a year probably confirms what many of us suspected all along. That Lancaster County is prominent in these losses isn't surprising, considering the county's growing urban development and its proximity to metropolitan centers of the east.

Many consider Lancaster's rich and beautiful farmlands one of its major attractions. As long as agriculture remains profitable, it's likely to continue here on a big scale, even in the face of urban development.

But if the levels of pollution continue to rise, as they normally do with increasing development, crop losses from pollution can be expected to become greater each year. Yields could suffer from pollution damage.

Increasing levels of pollution, along with growing urban pressure, could become the combination that kills off Lancaster's beautiful farms much faster than even the most pessimistic can now foresee.

It's not that anyone needs to panic. The problem isn't that serious — yet.

But it's certainly something to think about and begin planning for. Sometimes it's the alarmist, strongly criticized for his over-reaction, who's really the person responsible for heading off disaster.

Test Soil Now

Lancaster Countians, including most farmers, are used to thinking of Lancaster County soils as being among the richest in the nation.

And probably that's true, although the hard work and know-how of Lancaster County farmers may be even more important in making Lancaster County one of the leading agricultural counties in the country.

So it comes as quite a shock to some of us when a knowledgable Pennsylvania State University extension agronomist tells us most county farms are deficient in one or more soil minerals.

Wayne Hinish, citing actual data obtained from 3,500 soil samples from Lancaster County analyzed by the state extension service, said 62 per cent were low in lime, 45 per cent were low enough in phosphorus to cause yields to suffer, 35 per cent were low in potassium, and many were low in magnesium.

Speaking at the annual Crops and Soils Day this week at the Farm and Home Center, Hinish went on to explain how plants must have sufficient quantities of these minerals to grow properly, and how lack of them detract, often seriously, from the quantity and quality of crops.

Poor Soil Costs

The agronomist's message was clear: while it may cost the farmer substantial sums to put these nutrients into the soil in the form of commercial fertilizers or manure, it may cost him far more not to add the minerals. The cost of not adding the minerals may be several times greater in the form of lower yields.

Other speakers joined Hinish in pointing out the importance to farmers of maintaining high crop yields.

Joseph McGahen, a Penn State agronomist, said recent surveys of Pennsylvania corn growers show that farmers have to grow at least 70 to 80 bushels per acre JUST TO BREAK EVEN. If they only get 70 to 80 bushels, they've just made expenses.

It's the extra bushels beyond 80, such as 100, 120 or 140 per acre that make it worthwhile to grow corn. It's these extra bushels that pay for the farmer's labor and give him some profit.

It takes good management to push up the number of these extra bushels, but it also takes good soil. The good farmer must make sure his soil is capable of producing the top yields.

But Hinish explained that no wise farmer will go out tomorrow and begin adding fertilizer to his land without first taking a soil test and determining exactly what's needed.

With the hit and miss approach without the test, the farmer may or may not solve his soil problems But even if he does, he may have added a lot of extra minerals that weren't needed and so represent a misuse of money.

Get Soil Test

Hinish explains that every Lancaster County farmer who expects the highest possible profits from his land should have his soil tested periodically.

The farmer should then use the test results as a guide for applying nutrients to offset soil deficiencies.

Sound simple. Sure. But the majority of Lancaster County farmers aren't doing it.

Hinish said, "There are a lot of poor farm managers not sending samples in. The good managers are the ones who usually send samples."

At a time when, as McGahen put it, "the heat is on" for farmers to improve efficiency, a soil test would appear to be an easy first step.

Farmers interested in a soil test must get a kit from the agricultural extension office at the Farm and Home Center for $1.50. Soil samples, dried and sieved for easy handling, are sent to Penn State.

Farmers seeking more detailed information can call the extension office at 394-6851.

Mrs. Dorothy Kreider of the extension office assures us the whole process can be accomplished and the farmer can have his results back from Penn State in about two weeks, plenty of time to apply the findings to 1970 crops.

Parent And Child

Let television fit in as an equal part of your child's day, but don't let television hog the biggest share of the child's time, advises James E. Van Horn, extension family life specialist of Pennsylvania State University.

Van Horn says it's important that parents take time to read to their child, just plain visit with him, or play ball or some other game with him.

For proper child development, nothing can replace the special attention another person, particularly a parent, can give to a child, according to the family specialist.

Van Horn's advice is worth considering.

In a world in which progress, innovation, automation and learning are orders of the day, it's easy to get caught up in a rat race and overlook some of the really important things — like the well-being of the next generation.

Van Horn is certainly right when he says, "Television cannot take a mother's or father's place."

Television has proven its worth. For most of us, it's now an indispensible part of life.

But television can't and never was intended to replace parents.

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NOW IS THE TIME...

By Max Smith
Lancaster County Agent

To Transfer Silage

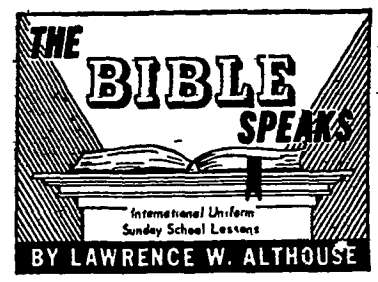
Livestock and dairy producers who have silage stored in temporary silos, and plan to transfer it to an upright silo for automatic feeding, should get this job done before warm weather arrives. Not only will there be less danger of spoilage, but less loss of feed nutrients when moved at air temperatures under 50 degrees The more rapid the silage is transferred into the upright silo, the better the chances for maintaining good quality.

To Plan Expansion Carefully

Many farmers have expansion in their plans in order to increase farm income This may or may not turn out favorably because in larger operations mistakes cost more money. With good management, larger operations should return more money for labor than small ones, but there are many questionable factors. Linear programming of the farm operation is one way to find the answers. This service is available.

To Practice Pesticide Safety

The subject of pesticides, including all types of agricultural sprays and chemicals, is being discussed by many groups this spring and needs the attention of everyone connected with agriculture Some materials are being withdrawn from use and others will have more restricted use. All farmers are urged to be extremely careful with their applications and follow labels and instructions.



KEEPING CHANNELS OPEN

Lesson for March 1, 1970

Background Scripture: Joshua 24; Matthew 18 1 20, John 17
Devotional Reading: Isaiah 42.5 9.

In his book, **DARE TO LIVE NOW** (Zondervan: Grand Rapids, Michigan, 1965), Bruce Larson tells of an experience that happened to him when he began his infantry basic training at Fort Benning, Georgia. Going to the mess hall for his first breakfast there, he saw a large bowl of what looked like cream of wheat. Scooping out a large portion, he put it in his bowl and added sugar and cream. A tall boy from the mountains was sitting across from him. Bug-eyed, he exclaimed: "Is that the way you eat grits?"

Rev. Althouse

As a Chicago boy, Larson had heard of grits but he had never seen them until this moment. Rather than appear ignorant, he smiled and answered nonchalantly: "Oh yes, this is how we eat grits in Chicago." The grits tasted horrible to Larson and he noticed that the mountain boy ate his with butter, salt, and pepper.

To protect the first lie

Several days later, Larson happened to be sitting with the same mountain boy across the table. Again they were served grits and to prop up his initial lie, Larson again put cream and sugar on his bowl. "Somehow," he says, "I managed to eat the mess . . . The whole tragedy of the human predicament is demonstrated in this incident. We do not want to admit our mistakes. We would rather go to hell maintaining our innocence than to say 'I was wrong.'"

This same pretense is often a factor in our relation to God. Though we delight in thinking of ourselves as "his people," still we often respond to him with pretenses because we cannot bring ourselves to admit that we have knowingly done what is wrong. The result is a barrier that we erect between ourselves and God, closing off the flow of his grace to us. It is like taking the phone off the hook: God is still trying to get through to us, but we have clogged the line of communication and help.

An expensive bitterness

An illustration of how this may work is found in the experience of a woman who was suffering from an illness which had failed to respond to treatment. She went from doctor to doctor, ever seeking to find a new diagnosis that would give her hope. All the verdicts, however, were the same.

In desperation she went to her pastor and poured out her fears and anxieties to him. He prayed for her and invited her to come again to talk with him. On a subsequent visit, she mentioned an incident in her life that had caused her to become extremely bitter toward someone who had been her close friend. She had nursed a grudge toward that person for many years and it upset her to even speak of it with her pastor.

The minister listened quietly and when she had finished her story, he suggested that it was time she gave up this grudge and forgave her former friend. The woman thought over this counsel and at last determined to do just that. She forgave her friend and dismissed the bitterness from her mind.

The power of forgiveness

Before she left his study, the pastor prayed for her healing. As he prayed for her, she experienced a sensation of warmth flooding over her, and with it a wonderful sense of well-being. Several days later, when she went to her doctor, he was amazed to find that the previously "unresponsive" condition had disappeared. The woman was quick to realize that it had been her grudge against her friend that had prevented her healing. Now, free of her grudge, she was also free of her affliction Forgiveness had opened the channel for healing of body and spirit.

As the people of God, we need to realize that repentence and forgiveness are absolutely essential if we are to keep open the channels of God's grace.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U S A. Released by Community Press Service)

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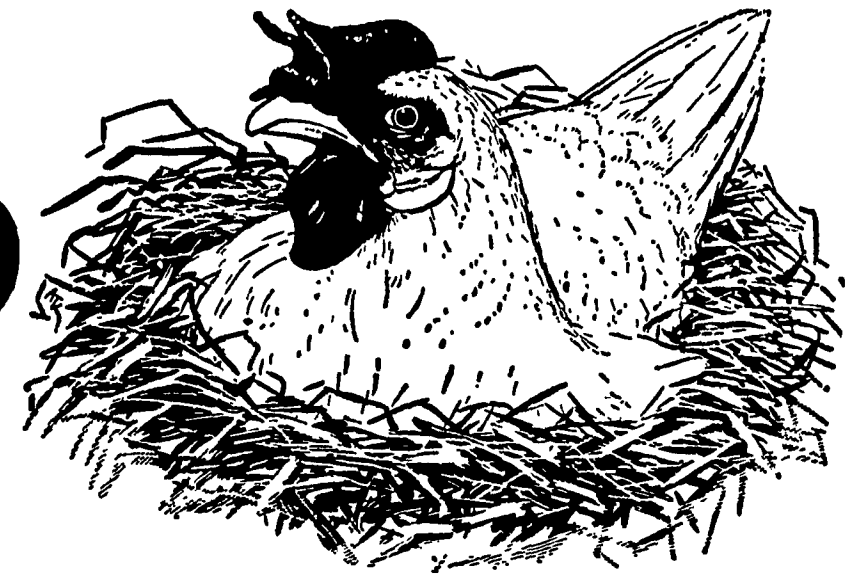

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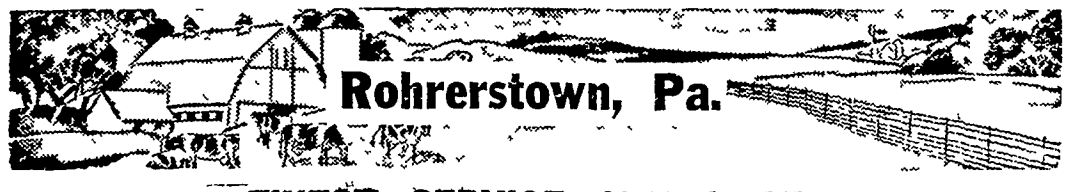

• FINEST SERVICE ANYWHERE •

Southern Dairymen Awarded

These 11 southern Lancaster County dairymen received the Atlantic Breeders Cooperative recognition for their high 1969 DHIA herd averages

Receiving the cooperative's Merit for Superior Production award, at a meeting recently in Quarryville, were, left to right Vernon Umble, Robert Metzler, Robert Weaver, C Robert Groider, Roy Eager, Robert Ulrich, Calvin Beiler, Curtis Akers, Henry Leaman, Robert Briton, and John Harnish

Not in the photo were J Mowrey Frey Jr, William Arrowsmith and J Elwood Longenecker

Elected sire committemen were. Elam Mull, Guernsey; John Harnish, Holstein, and Robert Ulrich, Jersey

Some 200 dairymen and guests were present for the presentations at Quarryville United Methodist Church.

Farm Women

SOCIETY 12

Society of Farm Women 12 donated $10 to the Easter Seals Campaign and $15 to a local family at the February meeting held in Manor Plaza Restaurant Mrs Pernice Eshleman and Mrs Amer Ressler were hostesses

Mrs John Kindig was in charge of devotions Miss Ethel Kindig, president, conducted the meeting and the Spring Rally for the Farm Women of Pennsylvania will be held at the Penn Harris Motel in Camp Hill

Stanley M Nelson, RN administrator, Lancaster County office for Mental Health and Mental Retardation, was guest speaker He told of his work and local needs.

The March 21 meeting will be held at the Evangelical Congregational Church, Conestoga when Mrs. Barbara Valavanes will speak on customs of the Greek people Mrs. George Kneisley, Mrs. Edwin Rineer and Mrs Glenn Railing will be hostesses.

● Hybrid Corn

(Continued from Page 1)

Pa 450, designed for statewide use, husks cleaner and easier than Pa 444, an older hybrid, and compares favorably with Pa 444 in yield and ability to withstand stalk rot

Pa 450 has good resistance to smut, leaf blight, aphids, and the European corn borer, Dr McKee points out. It responds well to thick planting rates and high fertility Pa 450 was developed by Dr Walter I Thomas and Dr George W Gorsline

● Economist Projects

(Continued from Page 1)

for beef producers in 1969, and it turned out to be one of the best on record.

Why was he so wrong?

He misjudged the American consumer and the extent to which inflation would take over the economy.

Moore had projected increased spending power for 1969 of three per cent, but it was actually about six per cent.

Moore had projected beef demand for 1969 would rise three per cent, but it went up five per cent.

Moore had assumed that if beef prices went up, then beef consumption would fall Prices went up, but the consumer bought more beef than ever before.

Slides showed that in 1955 per capita beef consumption in this country was 82 pounds, it jumped to 99 3 in 1965, 109 in 1968 and 110 7 pounds per person in 1969

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Net retention 6 lbs. per cubic ft.

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14	Ea.		3.57
16	Ea.		4.16
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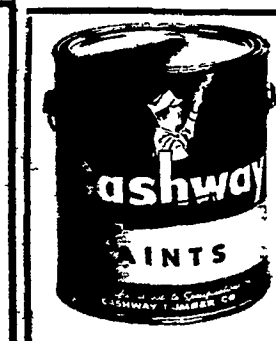
14	Ea.		5.32
16	Ea.		6.08
18	Ea.		7.20
20	Ea.		8.20
6 x 6 — 14	Ea.		7.98
16	Ea.		9.12
18	Ea.		10.80
20	Ea.		12.30
22	Ea.		13.86
24	Ea.		15.48



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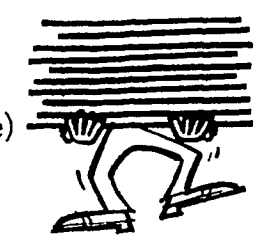

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Northern Dairymen Honored

Among northern Lancaster County dairymen honored Thursday for maintaining a high DHI average in 1969 were these five left to right. Titus Stoner, David L. Landis, Lloyd Kreider, Dale Hiestand, and Albert E Fry Jr

Also receiving the cooperative's Merit for Superior Production Award were Hiram Aungst, John M. Nissley, Red Rose Research Center, and Paul B. Zimmerman

Elected sire committeemen were James Martin, Ayrshire, Frank Hershey, Guernsey, and Carl L Martin, Holstein

State Endorses Federal Cloud Seeding Bill

Pennsylvania authorities have endorsed proposed federal legislation that would regulate or control weather modification activities on a national scale

The action was taken by the state's Weather Modification Board following a meeting with officials of the Tri State Natural Weather Association and citizens of South Central Pennsylvania counties, according to Charles F Hess, secretary of the board

The South Central counties — principally Franklin and Fulton along with adjacent areas — have been a center of prolonged controversy and dispute over reported cloud seeding activities to dispel storms and prevent rain The situation there led to enactment of a State Weather Modification Law in 1968, one of the first such state laws enacted in the nation

Since then similar laws have been enacted in the neighboring states of West Virginia, Maryland and Delaware

The use of aircraft close to state lines for cloud seeding has made law enforcement efforts difficult and frustrating, the Weather Modification Board pointed out In letters to Pennsylvania's Senators, Hugh Scott and Richard S Schweiker, the board urged enactment of proposed federal legislation to cope with the problem

The Weather Modification Board functions under the State Soil and Water Conservation Commission, an agency of the Pennsylvania Department of Agriculture Actual enforcement of the law, as it pertains to cloud seeding activities, is a responsibility of the Pennsylvania State Police and the Pennsylvania Aeronautics Commission

Farm Calendar

(Continued from Page 1)

ing course, vo-ag room

7:30 p m.—Guernsey Dairy 4 H Club, reorganization, Farm and Home Center.

Wednesday, March 4

7:30 p m. — Lancaster County Soil and Water Conservation District board, Farm and Home Center.

Thursday, March 5

1.45 p m —Farm Women Society 20, home of Mrs. William Crawford, Kirkwood

7 30 p m —Lamb production and sheep parasite control discussion, Farm and Home Center.

Friday, March 6

6 30 p m. — Manheim Central FFA Chapter parent and son banquet, Manheim Central High School

7 00 p m —Grassland FFA Chapter banquet, Garden Spot High School

Saturday, March 7

1 30 p m —Farm Women Society 1, home of Mrs John Newcomer

State Accident Total Dropping

During the past half century hunting accidents in Pennsylvania have been dropping rapidly, while everything else, from the price of bread to the crime rate, has been skyrocketing.

In the 1920s there were 467 fatal hunting accidents in Pennsylvania, one for every 10,454 hunters During the decade of the 1930s the total slipped to 461, but the rate shrank to one fatality per 12,696 hunters.

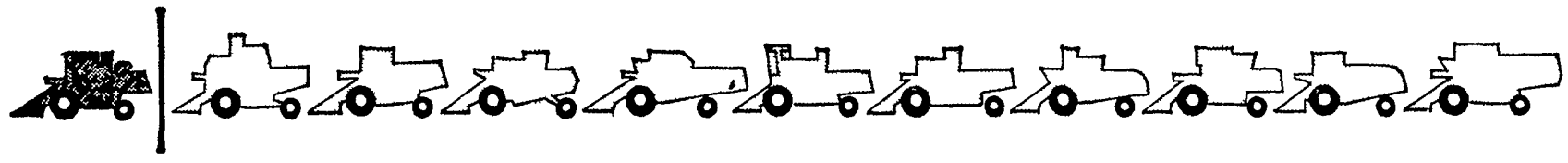
Sportsmen became much more safety-conscious during the 1940s which produced 288 fatalities, an average of one for every 25,522 hunters In the 1950s there were 227 fatal hunting mishaps, or one per 40,345 hunters

During the past decade there were 222 fatalities, or one for every 45,076 hunters

In other words, the total has been cut in half, while the number of hunters has more than doubled The rate has dropped to the point where it is less than one fourth the figure of 40 years ago.

One sure way to get back on your feet is to have a son of driving age

Why is it important to you that GLEANER combine is different from the other ten?



BECAUSE *Gleaner* combines are the only combines specifically designed to cut, thresh, and separate under today's changing field and crop conditions. With a *Gleaner* combine you take more and cleaner grain out of the field in heavy or light crops—dry or wet conditions.

Differences start down front with Sure-Feed. An Allis-Chalmers exclusive! Controls all crops. Like this—

Header auger feeds into a cylinder-width beater. Retractable fingers comb and spread crop over the entire cylinder width. *Gleaner* combines use every inch of rasp bar for full threshing, full capacity morning or afternoon—in heavy or light crops.

Your crop's under full control. Entire action takes only 15½ inches of crop travel. This is the shortest header-to-cylinder delivery of all—every "cut" is under full mechanical control to within one inch of the cylinder! Result—feeding accuracy and threshing capacity unmatched even by the heavyweights.

Our down-front design puts pivot point behind the cylinder—material always feeds at the same angle even while the headers move up or down.

All others pivot ahead of cylinder—resulting in over- or under-threshing. They have a 50 to 98-inch conveyor feed. Any conveyor tends to bunch material at its center, causing uneven cylinder wear.

It's easy to see how *Gleaner* combine down-front cylinder design gives you a much greater separating area, and more capacity everywhere it touches the crop.

Separation begins as wing beater behind the cylinder agitates, fluffs the crop. Air blast from rotating cylinder and beater increases crop agitation. Grain, dust, chaff fall through the straw evenly onto the raddle below. That's early separation, ready for *Gleaner* combine pre-cleaning.

Here's another difference—two-fan cleaning. The others don't pre-clean—they try to do all the cleaning at the shoe. In the *Gleaner* combine, the upper fan directs a heavy air blast through the grain stream as it comes off the raddle—pre-cleans crop before it ever reaches the shoe. Blows dust, dirt out rear.

Second fan finish-cleans the crop at the chaffer and shoe. One fan before the shoe, one fan at the shoe; a bigger, cleaner crop with *Gleaner* combine.

Sure-Feed system; controlled feeding; down-front cylinder; greater separating area; two-fan cleaning system!

These are only some of the *Gleaner* combine differences. See us for more details. Our credit plans make a *Gleaner* easier than ever to own!

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Ground-Level Silos May Have Role Here

Farmers needing a new silo should consider a trench or bunk silo, according to Larry Click, Penn State extension agricultural engineer.

Larry Click

Speaking to beef cattlemen Wednesday night at the Farm and Home Center, Click, using slides to illustrate, explained that trench and bunker silos are both convenient and easy to use and very inexpensive.

He said a farmer in the state built a 30 by 110 foot concrete silo eight feet deep for only $1,700. This doesn't include the labor, which the farmer supplied himself.

Click said a figure of $5 per ton of capacity should be used for construction cost of either a wood or concrete trench silo. This figure includes labor, he said.

Click also spoke on high moisture corn, including both shelled corn and ear corn. He said Lancaster County has a lot of high moisture corn.

Click said high moisture corn has several advantages over dry corn, including an earlier harvest of up to two weeks. Earlier harvest can reduce "shatter losses and down stock losses" by 10 to 30 per cent, he said.

The biggest advantage, though, according to Click, is that high moisture corn is easy to handle and "a lot of unecessary operations," which are costly and time consuming, can be eliminated.

But he noted there are disadvantages, including the necessity of maintaining the moisture level within certain percentages, including the necessity of maintaining the moisture level within certain percentages; there can be spoilage in some silos, it's heavier, and it can't be moved readily for sale elsewhere.

A Lancaster Farming Classified Ad Can Help

Farm Products Prices Increase One Per Cent

Prices received by Pennsylvania farmers for their products rose one per cent in January, according to the State Crop Reporting Service.

Contributing to the price rise were higher prices for beef and pork. Steers at $28 a hundredweight were up $1 from a month earlier and were $2.50 higher than a year earlier. Hogs at $26.70 a cwt were up 50 cents from December and were $7.20 higher than in January a year ago.

Milk was down five cents a cwt from December and eggs were down two cents a dozen.

Nationally, farm prices advanced one-third of one per cent. Contributing to the increase were higher prices for cattle and hogs. Partially offsetting these increases were seasonally lower prices for eggs and cotton.

Schick Wins Pork Award

Herbert K. Schick (left) of Kutztown RD2 is shown receiving a plaque from John Henkel of Strasburg RD1, president of the Pennsylvania Pork Producers Council.

Schick is Pennsylvania's selection for Pork All American at the first American Pork Congress in Des Moines, Iowa March 3-5. The first congress is the combination of the National Pork Industry Conference and the annual meetings of the National Pork Producers Council.

Schick is among state winners under the age of 40 years, showing leadership and productive pork operation.

The Lancaster County representative for the state pork award was James Horton, Masonic Homes, Elizabethtown. He is secretary of the Lancaster County Swine Producers Association.

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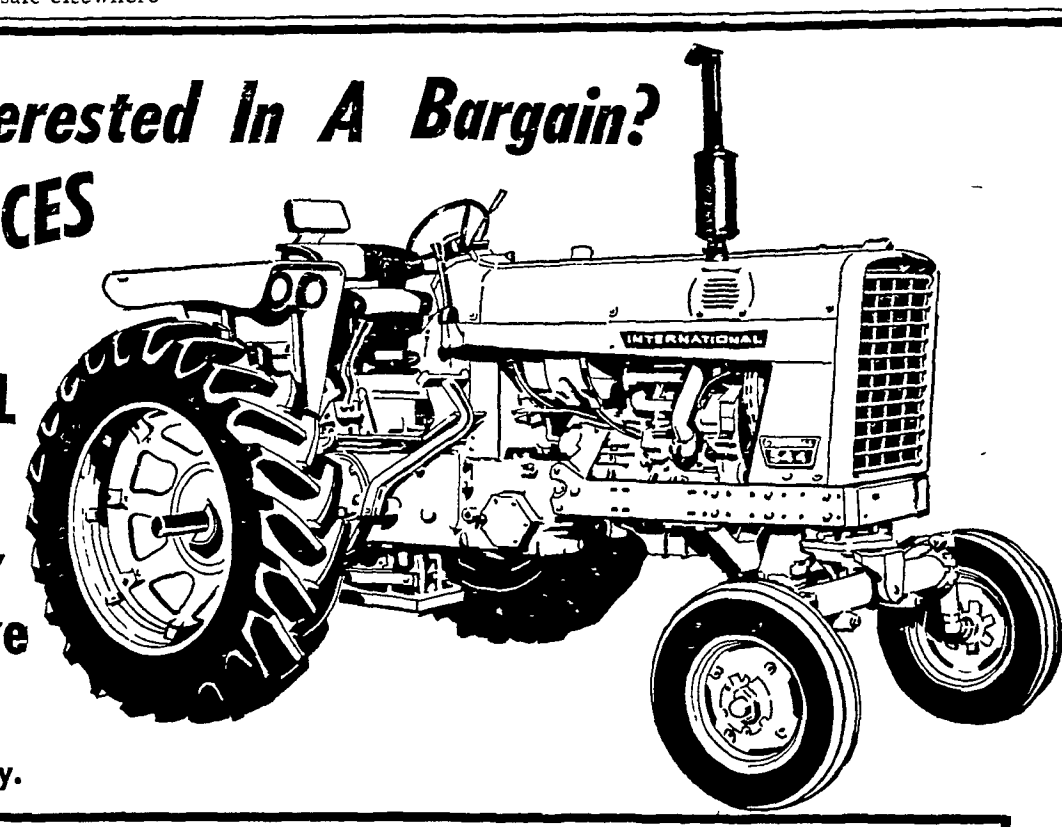

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"50 Years Helping Produce Better Food Products"

Food And Drug Official Speaks

A former Lancaster County veterinarian, now an official with the U S Food and Drug Administration, was one of the main speakers at the Veterinarian Nutrition Forum held here Wednesday night

Dr William E Bixler spoke on the activities of the bureau in the field of new feeds.

He outlined the legal aspects of developing new drugs for feeds and procedures required before new drugs can be placed in feeds

Dr Bixler is a former county veterinarian who served the New Holland Sales Stables He had his office in Ephrata

● Poultry Cancer Scare

(Continued from Page 1)

caster City, and Jean Pryzbylkowski, housewife and home economics teacher at Lincoln Junior High School, Lancaster.

Mrs. Geiger reported that she buys two to three 30-dozen crates of fresh grade A eggs for the city schools lunch program each week

Mrs Thomas said she thinks the cholestorel scare has hurt egg sales She also said consumers were spoiled by the long period of low egg prices and many have cut back egg consumption, because of higher prices.

But a poultryman stated that egg producers "got tired of subsidizing the consumer"

All three women agreed they would like to see freeze dried meats, including poultry, on the market Basically, they indicated, this involves removal of liquids and other excess weight such as bone during storage Water is added during preparation

Besides greatly reducing weight and volume, the freeze dried process would make homemaking much more convenient, according to the women.

Some poultrymen agreed the freeze dried process should have a ready market, and they said progress is being made in this direction But it takes a lot of time and capital to get the necessary plants in operation, it was reported

Bainbridge RD1 Farmer Is In 'Good' Condition

A Bainbridge RD1 farmer who sustained a compound fracture of the right leg in a farming accident Monday was reported in "good" condition in St. Joseph's Hospital Friday.

Wilbur Kauffman was injured when his leg became entangled in an auger or worm gear of a silo in an isolated area of his farm Monday morning.

Kauffman freed himself and attracted the attention of a passerby, Mrs Larry Landis of an adjacent farm, who summoned help.

Onion Imports Revised

Grade and size requirements for onions imported into the United States will be revised, effective March 15, the U S Department of Agriculture announced

USDA's Consumer and Marketing Service said the revised regulation applies to all varieties except red onions

Meat Packers Seminar

The 1970 annual Meat Packers and Processors Seminar will be held at Penn State April 6 and 7. The two-day program will feature topics relating to improving plant efficiency, marketing, management, and government regulations.

Dairymen Told To Promote Milk

Milk dealers have indicated they don't care about the problems of the dairy farmer, so the dairyman must take the initiative in promotion to increase consumer demand for milk

These were among comments by Joe S Taylor, Penn State dairy science section chairman, at the District 7 meeting of the Inter state Milk Producers Cooperative Wednesday

Besides adopting good management practices leading to low-cost, high quality milk for the dealers, the dairyman must promote milk to make it competitive with beverage products, according to Taylor.

Taylor based his assertion on declining per capita consumption of Class I milk and upon recent revelations of milk dealers at a hearing in Memphis, Tenn.

Milk producers were rudely shocked at the hearing, Taylor stated, when the milk dealers said they could care less about problems of the dairy farmer.

Dealers, he said, told the dairymen that the companies were in the food business and were looking for any lower priced supplies that would sell and make money The dealers consider their only responsibility is to the company stockholders

Dairy farmers haven't understood what was happening to them, according to Taylor. "Nothing will happen until the co-ops sell milk It has always been that way Non-members won't help Co-op members are the only organized group that can do the job"

The speaker also said that milk dealers were in trouble The main problem is getting the product distributed

Dairymen have a good product, he said, but they are being outsold

Promotional efforts have shown that consumers can be conditioned to buy milk and any losses in sales caused by price increases can be counteracted "We have proved we can sell milk without reducing the price"

Taylor also said if dairymen are satisfied with making $3,000-$4,000 clear annually with 30-40 cows, then they should forget automation and expansion.

If, however, the dairymen want to make more money, they must consider expansion and automation to handle large herds of 100 cows or better, coupled with good management.

Taylor said that no matter how many animals you have, the good dairyman will make $100 per cow, with some real good managers making $150.

Since this per cow figure does not change with the number of cows, the farmer's income is based on the number of cows

Expansion requires good farm management, he said, and a knowledge of how to use money.

He said farmers must learn how to use borrowed money. Taylor criticized the belief that it is wrong to borrow the money and purchasers shouldn't buy unless they can pay for it at once.

Taylor also urged dairymen to use the tools Penn State offered such as computers, linear programming and analysis equipment, which he said each farmer couldn't possibly own.

Also speaking at the meeting was Wilbur Seipt, of Montgomery County, president of Interstate He too urged dairymen to sell the idea of promotion and to encourage neighbors to join with the cooperative.

He particularly singled out the need to have some kind of control over the milk being produced to influence the market value.

Awards for 25 years of membership in Inter-state also were presented to two families at the meeting.

The Rev. John A. Breneman, of Willow Street R1, accepted the award for his family. His son now operates a 60 head herd of Guernseys

Lloyd I. Lefever, of Conestoga R1, accepted the honor for he and his father, Lloyd S. Lefever. They operate a 35-head of Holstein farm.

Bigger Wool Production Helps Sheep Profits

One way to make the wool bag the money bag for small sheep flocks is to select a flock sire that will increase the flock's wool production

According to J V White mena, professor of Animal Genetics at Oklahoma State University, genetic heritability for wool quality is very high Use of a ram that will increase the wool clip from his progeny by two or three pounds can add profits of $1 30 to $1 85 per animal in the flock.

The USDA reports that average fleece weights for the U S approximate 8 5 pounds In Pennsylvania they average 7 5 pounds, in Delaware 7 1, in Maryland 7 1 and in New Jersey 7.4 Wool clips for the various breeds of stud rams commonly used in these states are, Cheviots from 5 to 7 pounds, Hampshires from 7 to 8, Shropshires 10 pounds, Southdowns from 5 to 7, and Suffolks 6 to 7 After five generations the genetic make-up of the ewes in a flock will be over 96% that of the rams used.

A 50 ewe flock that had been grossing $227 50 in wool payments, with a high wool producing ram such as a Shropshire could gross $325 from its wool clip, a lot more money for the fee bins, the Penn-Mar Shropshire Breeders Club reports

Potato Growers Meet

The Annual Potato Growers meeting was held Wednesday, February 25 at the Centre Presbyterian Church one mile west of New Park, York County.

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Nelson Habecker	Lancaster	Lester M Weaver	New Holland
Ron Herr	Holtwood	Thomas Weidman	Manheim
Richard Leininger	Elizabethtown	Roy Zimmerman	Ephrata, Pa.

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County Conservation District Seeks, Gets Tighter Controls

The Lancaster County Planning Commission took steps Tuesday to insure tighter controls on water and soil management in municipalities and large subdivisions.

The Commission took those steps when it adopted a memorandum initiated by the Lancaster County Soil and Water Conservation District.

The memorandum is a working agreement for an exchange of information and recommendations which will be passed on to subdividers and municipalities if construction threatens the total run-off or changes the course of a water-way.

In presenting the memorandum for approval, planning staff explained that heretofore, in the review of subdivision plans, "staff has not looked deeply into soil and water management" except in limited areas already covered by zoning regulations

Under the agreement, the Planning Commission will

Recommend inclusion of soil and water management measures to those subdivision plans deemed necessary by the commission,

Request from the District, prior to approval, technical assistance on those plans which require additional soil and water management planning;

Furnish the District with a copy of that portion of each plan on which District assistance is requested;

Recommend to municipal planning commissions and subdividers that use be made of District technical assistance in order to incorporate soil and water management measures in subdivision activity

The Conservation District will:

Furnish technical assistance as requested,

Provide the planners with standards and specifications for any recommended soil and water management measures;

Furnish the planners, developer or any municipal body, technical assistance in design, layout and construction of recommended measures

The commission and the District agree mutually to.

Conduct orientation seminars necessary to implementation of the areas of cooperation,

Serve as information sources to all municipal planning commissions;

Review the memorandum annually.

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Owners Of 15,000 Dogs Could Be Prosecuted

Unlicensed dogs in Lancaster County are estimated at 15,000.

But J. Marvin Hostetter, dog law enforcement officer for the county, said the figure doesn't upset him because the ratio of unlicensed dogs to the 42,707 licensed pooches is one of the best in the state.

His prosecution record — he preferred charges against 302 dog owners last year — is one of the best in the state, according to the Pennsylvania Department of Agriculture, which enforces the state's dog law act

Some of those prosecuted paid fines as big as $100 for not having their dogs licensed Hostetter said he can't understand why anyone would risk a fine when a tag costs only $1 20 to $2 20

"A dog tag means the owner cares for his pet," Hostetter said "It's the only way an owner has of getting his dog back if it is lost or stolen"

Dog law enforcement is like scratching a hole in the sand according to Hostetter. "You seem to make so little headway for all the work involved."

Complaints such as dogs running at large, dog bites and dogs killing livestock and poultry require much investigative work, the dog law officer said.

"When you're running down complaints, it means you can't be checking people to see if they've bought dog tags," he added

During a recent sheep killing investigation in the Churchtown area, Hostetter encountered a man who feigned ignorance of the Pennsylvania dog law

"You mean to tell me I have to pay to get a license for my dog?" the man asked indignantly "I've had a dog for 12 years and never had a license"

He said the recalcitrant dog owner paid a $100 fine and was in the county treasurer's office the next day for a dog tag

Hostetter, who has already begun checking on dog owners who haven't purchased 1970 tags, thinks it's high time the Commonwealth of Pennsylvania paid for his home phone.

"My wife takes complaints all day. For the free answering service, I think the state ought to pay my phone bill the same as they pay a game protector's."

Hostetter was an investigating officer for the U S Department of Justice before becoming Lancaster County's dog officer, a position he has held for three years.

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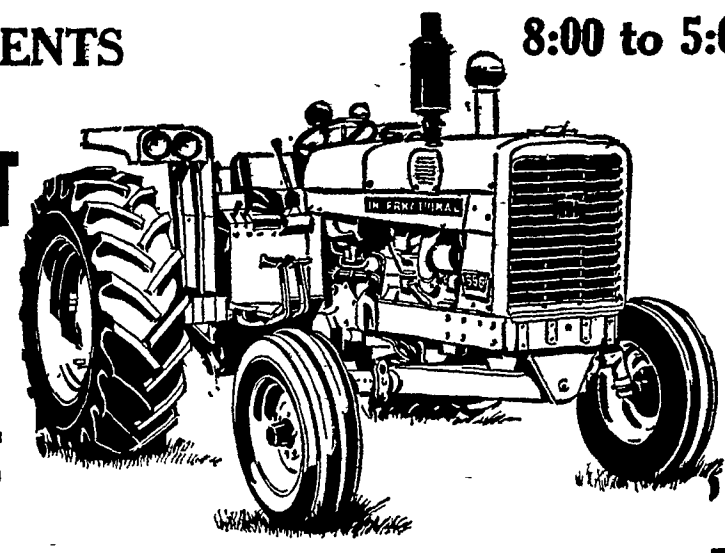

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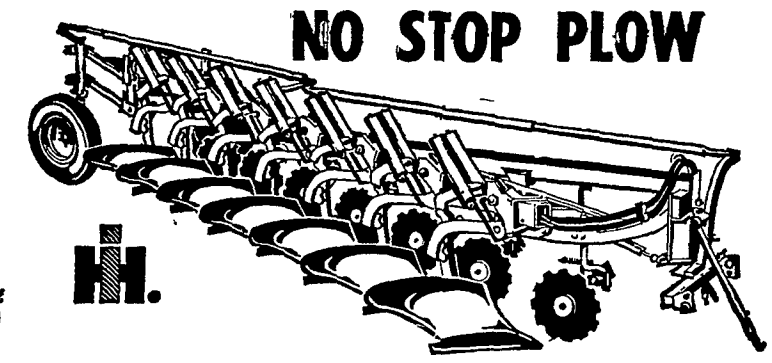

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Hunters Fined, Jailed

Open bragging over an extended period in Union and Centre Counties and an intensive investigation by conservation officers from September through January has led to the arrest of eleven central Pennsylvania men for illegal killing, selling and possession of game

Fines totaling $5,425 were levied in the case, and several defendants were jailed following failure to pay the penalties

Members of the group were charged with selling deer, possessing deer out of season, possessing deer unlawfully taken, using an artificial light to take deer at night, using an artificial light to take pheasants at night and attempting to take a second deer in season.

Cunnion New Market Head

Donald O Cunnion, Harleysville, Montgomery County, has been named acting director of the Pennsylvania Department of Agriculture's Bureau of Markets

Cunnion has been chief of the Bureau's Division of Market Development for two and one half years, promoting the use of Pennsylvania agricultural products domestically and abroad

Pennsylvania Gaining As Major Dairy State--Bull

The growing importance of Pennsylvania as a major dairy state is clearly evident in records of 1969 milk production throughout the nation, according to Leland H. Bull, secretary of the Pennsylvania department of agriculture.

Last year's production in the state totaled 3 28 billion quarts of milk, 63 million more than the amount produced in 1968

The increase — two per cent— was the only significant gain recorded in any of the six states that provide more than half the nation's total milk supply.

In Wisconsin, the nation's leading dairy state, milk production was down one per cent In Minnesota it was down 3 3 per cent; in California 0 4 per cent, and in Iowa, 5 6 per cent New York had a slight increase — six million quarts — with volume up less than one-tenth of one per cent, with Pennsylvania out in front with two per cent gain

The real strength and stability of Pennsylvania's dairy industry, however, is revealed in production records of the past two decades.

In 1949, nine states had milk production in excess of five billion pounds (2 3 billion quarts) annually, with Pennsylvania ranking sixth

In 1969, only five states were in the five billion-pound class and Pennsylvania had moved up from sixth to fifth place The four leaders in order were Wisconsin, New York, Minnesota and California

Over that span of 20 years, Pennsylvania's production increased 26 percent, the second largest gain—percentagewise — scored by any of the mayor dairy states Only fourth-ranked California, with a phenomenal increase of 52 percent, had a better record than Pennsylvania.

Wisconsin's production increased 20 percent New York was up 15 per cent, and Minnesota up 19 per cent

In the 20 years after 1949, Iowa slipped from fourth to sixth place, with production down 20 per cent; seventh place Michigan was down 13 per cent, and Ohio was down 16 per cent. Illinios, ranked eighth in 1949, lost 43 per cent of its production through the 1950's and 1960's.

The future looks bright for Pennsylvania's dairy industry In the opinion of some agricultural economists, Pennsylvania and the other four major dairy states will continue to increase their leadership through the 1970's. They also foresee a continued trend toward bigness of dairy farms and increasing production per cow during the present decade

Meanwhile, marketing trends must be watched for changes in buying habits, Bull cautioned.

In the 20 years since 1949, per capita consumption of milk in the United States declined from 346 quarts to 261 quarts last year. This involves fluid milk and milk used in all forms of dairy products.

The impact of population growth also must be considered in evaluating future prospects. In the two past decades alone, the nation's population has increased by more than 50 million persons, and the next ten years will add many more.

In the years ahead, milk production must be maintained at an adequate level to meet the requirements of the nation's growing population. Pennsylvania's dairy farms must help meet this responsibility, Bull said.

DDT Not Recommended

The Cooperative Extension Service of Pennsylvania State University will no longer recommend the insecticide DDT, certain other persistent orangochlorines, the herbicide 2,4-5-T, or mercury fungicides except for very special conditions. Pesticide users desiring more information should contact their county agent.

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Nitrogen Use Urged

Application of nitrogen to the soil is probably the most important soil treatment from the standpoint of animal health, it was stated during the annual Lime and Fertilizer Conference held recently at Pennsylvania State University.

Dr. Dale E. Baker, associate professor of soil technology at Penn State, said addition of nitrogen results in more total production but lower than normal concentrations of phosphorus, potassium, calcium, and magnesium and most other metallic ions in plants. Additional nitrogen also produces higher concentrations of crude protein than otherwise in forage.

He expressed a precautionary note that some additions of nitrogen can produce higher than normal concentrations of nonprotein nitrogen under adverse growing conditions

Such conditions include a prolonged period of dry and hot weather, a severe hail storm, or an early killing frost Such conditions have produced nitrate poisoning of livestock from corn silage, Dr. Baker said.

"Any condition which causes a plant to carry on photosynthesis at a much reduced rate without decreasing the rate of transpiration of water can result in high nitrate nitrogen concentrations, especially in corn stalks," he stated

From an animal health point of view, addition of phosphorus to soils is an excellent practice for both quality and quantity of feed produced, it was pointed out

The raising of race horses on the high phosphorus soils of Kentucky was described as one example of the association of good animal health with high availability of phosphorus in soils

Pet Food Inspection

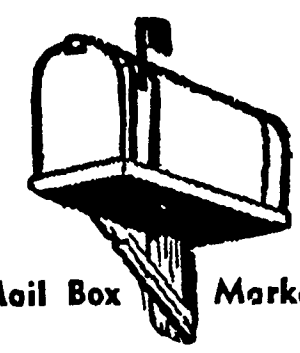
Pet food inspections are being intensified in Pennsylvania, the State Agriculture Department has announced

A Department official said feed inspectors have been instructed to purchase all types of pet food — dog and cat food wild bird seed, canary seed turtle feed, hamster and other pet feed — and send them to the Department laboratories for analysis.

Previously the Department had emphasized dog and cat food in its inspections

"We want to know if the ingredients listed on labels tally with what is actually in the containers," said Nick L. Turko, chief of the Department's Division of Feed and Fertilizer Control

"The purchaser of pet food, like any other consumer, is entitled to know that he's getting what he's paying for"



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Wanted to Buy—Vegetable seeder in working condition, Planet Jr or similar type. Fred Appel, R D 1, Box 426, Paradise, Pa. 17562, Phone 717-442-8160

For Sale—Allis Chalmers 3 bottom plow with slated mold boards and depth wheel in very good condition Phone 665-6052

State Adopts Federal Meat Inspection Guide

The Pennsylvania Department of Agriculture announced that it has adopted federal meat and poultry regulations in the state's meat, poultry and food inspection programs.

The move was made to establish uniform inspection standards that will not hamper processors and packers nor restrict inter-state trade of meat and poultry products, State Agriculture Secretary Leland H Bull said. The new standards replace state regulations that had governed the processing, packing and sale of meat and poultry products in Pennsylvania.

The double standard of inspection — under both federal and state regulations — often created difficult and confusing situations for meat processors and packers, Secretary Bull said. "Uniform regulations will be an important factor in easing trade restrictions that stemmed from this double standard," he added.

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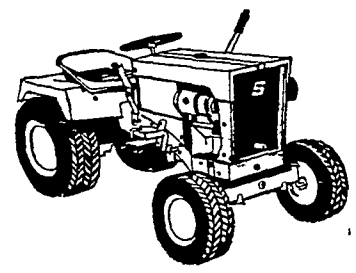

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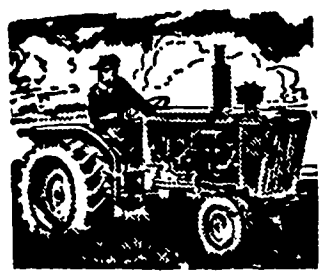

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Air Pollution Hits County Farmers

Air pollution, already costing Pennsylvania farmers millions of dollars a year, will almost certainly get worse in the future.

And the impact of pollution is centered in southeastern Pennsylvania.

Already Lancaster County farmers, particularly tobacco growers, are suffering from air pollution.

That was the warning of Craig Weidensaul, of the Pennsylvania Center for Air Environment Studies, at the annual Lancaster County Crops and Soils Day meeting Tuesday at the Farm and Home Center His comments were based on a statewide survey last year, the first of its kind in the nation, to determine the impact of air pollution on vegetation.

Weidensaul said the state survey was done after Leland Bull, Pennsylvania agriculture secretary, wanted to know how much crop damage results each year from air pollution.

It was found such information didn't exist for Pennsylvania, and it wasn't available from any other state

Weidensaul said his study projected about $3 million a year of damage to farm crops, including vegetables and fruit. But total damage to vegetation was valued at $11 to $12 million

He emphasized these figures are very tentative and based on limited research A more thorough look after a more concentrated research effort might turn up losses considerably greater, he said.

The east coast is in about the same condition in terms of pollution as the Los Angeles area in 1948, he said. Los Angeles is considered one of the most highly polluted areas in the country

In comparing the east coast to Los Angeles, Weidensaul indicated the future may hold the same prospect for this part of the country if something isn't done about pollution

Lancaster County and the rich agricultural lands in southeastern Pennsylvania already are hardest hit by pollution and if the pollution level continues to rise it could be "very detrimental" to agriculture, he said.

Terming southeastern Pennsylvania "the best agricultural land in the state and one of the best potential agricultural areas in the country," Weidensaul indicated the bright agricultural future could be snuffed out by pollution

He said Lancaster County tobacco already has been hit by pollution. The study team "found oxidant damage to every tobacco crop" that was visited

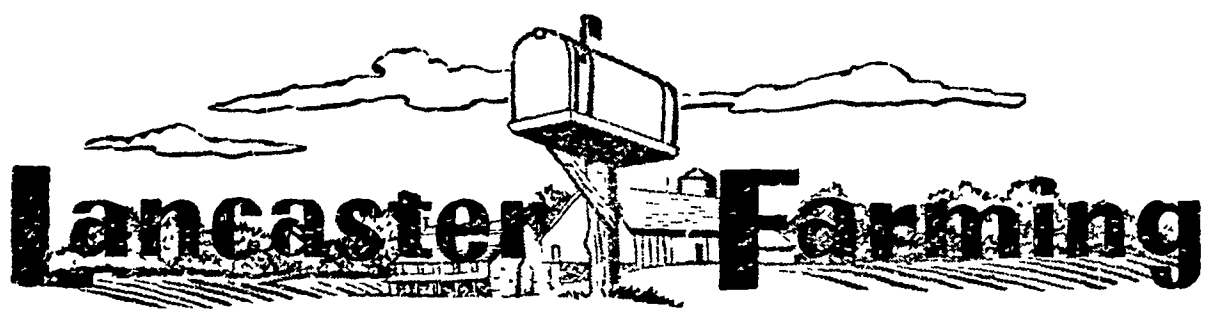
Arnold G. Lueck, associate agricultural agent of the county extension service, who moderated the Crops and Soils Day program and accompanied Weidensaul on the tobacco surveys said eight to 10 county tobacco fields were visited. "Every one showed some (pollution) damage," Lueck said.

Weidensaul conceded he doesn't know what the tobacco damage means in terms of lowering the grade or quality of the tobacco or in terms of dollars lost to farmers

That's the kind of issue that needs further study, he indicated.

Although there are numerous types of pollutants, including chemicals, which can kill or weaken plants, the particular

(Continued on Page 23)



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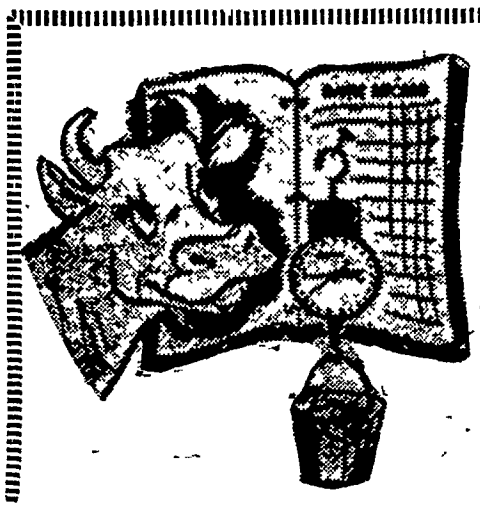

LANCASTER COUNTY DHIA MONTHLY REPORT

A Registered Holstein cow owned by J. Mowery Frey Jr, Beaver Valley Pike, Lancaster, completed the highest 305 day lactation. Julie produced 21,032 pounds of milk, 943 pounds of butterfat with a 4 5 per cent test.

Second high lactation was completed by a Registered Holstein cow owned by J Mowery Frey Jr , Beaver Valley Pike, Lancaster. Johanna produced 21,153 pounds of milk, 908 pounds of butterfat with a 4 3 per cent test

The herd of Samuel F Sauder, Narvon R D 1, had the highest daily butterfat average This herd of 35.0 Registered and Grade Holstein cows produced 53 2 pounds of milk, 2 07 pounds of butterfat, with a 3 9 per cent test.

The herd of Ralph Myers, Manheim R D 3, placed second This herd of 55 9 Registered and Grade Holstein cows produced 50 6 pounds of milk, 2 00 pounds of butterfat with a 4 0 per cent test.

FIRST 305 DAYS OF LACTATION WITH 640 OR MORE LBS. OF BUTTERFAT

Owner - Name	Breed	Age	Days	Milk	Test	Fat
J. Mowery Frey Jr.						
Julie	RH	9 6	305	21,032	4 5	943
Johanna	RH	14-3	305	21,153	4 3	908
Louann	RH	7-4	305	18,165	4 4	801
Harry L. Troop						
Abby	RH	4 4	305	20,688	4 3	886
Titus B. Stoner						
Wanda	GrH	7-5	305	21,022	4 1	860
Nancy	RH	6 2	303	21,153	3 1	654
Hiram S. Aungst						
Katy	RH	5 6	305	22,126	3 9	856
Marty	RH	8-3	305	17,715	3 8	676
Fred Crider						
Cora	RG	7-6	305	17,907	4 7	836
Myra	RG	4-7	305	14,069	5 0	701
C Robert Greider						
Kate	GrH	4-2	305	19,748	4 2	822
Sheila	RH	2-8	305	16,605	4 3	713
Echo	RH	2 8	305	15,047	4 6	689
Ethel	RH	5 6	305	16,477	4 1	677
Pat	RH	5-8	305	18,385	3 7	673
John C. Metzler						
Pauline	RH	6-11	305	21,557	3 8	820
Bonnie	RH	8 5	305	22,612	3 6	817
Elmer S Myers						
Reddie	GrH	7-9	305	20,539	4 0	817
Richard H Hess						
Gracous	RH	10-1	305	21,107	3 8	811
Della	RH	7-8	243	15,004	4 5	681
Arthur P Sweigart						
Sugar	GrH	7-4	305	18,509	4 4	806
Harry G Kreider						
Josepha	RH	6-7	305	19,305	4 2	803
Gay	RH	6-11	305	16,845	3 8	648
Alta	GrH	7-10	305	17,137	3 8	643
Jay E. Landis						
Kingpin	RH	3-4	305	17,714	4 5	792
Nathan G Stoltzfus						
Posch	RH	7-6	305	16 526	4 7	783
Kay	RH	6 6	305	16,230	4 4	721
Little	RH	9-2	305	17,245	4 1	711
Locust	RH	3-4	305	15,704	4 5	706
Ellen	RH	6-3	305	17,740	3 8	676
Loren L Zimmerman						
Norma	RH	7-4	305	19,820	3 9	777
Clarence H Harnish						
Lois	RG	6-2	305	14,788	5 2	771
Firefly	RG	4-11	305	12,802	5 2	670
Lin Mae	RG	4-7	305	13,148	5 0	653
David S Lapp						
Naomi	GrH	8-0	305	19,268	4 0	766
Samuel F King						
Janet	GrH	7-5	305	17,736	4 3	761
Brownie	GrH	7-11	305	15,393	4 5	687
M Irvin Eberly						
Polly	GrH	8-7	305	20,299	3 7	756
Maurice F. Welk						
Alta	GrH	3-10	305	19,257	3 9	755
Stephen J Stoltzfus						
Pearl	GrH	7-9	305	18,531	4 1	755
Mervin Nissley						
30	RH	8-0	305	20,950	3 6	751
Samuel M Martin Jr						
Jill	GrH	4-5	305	16,614	4 5	742
Elvin Hess Jr						
Dot	RH	7-5	305	17,725	4 2	736
Janice	RH	6-1	305	15,035	4 6	690
Robert F & Joan B Book						
Melody	RH	5-5	305	17,969	4 1	734
Cora	RH	4-5	305	18,544	3 9	726
Iris	RH	5-1	305	19,238	3 7	721
Sandy	RH	4-9	305	18,066	3 9	702
Lou	RH	6-3	305	16,642	4 1	676
Levi K Stoltzfus						
Mamie	RH	7-11	305	16,300	4 5	733
Dale E Hiestand						
Star	RH	5 11	305	16,197	4 5	732
Albert E Fry						
Iris	RH	5-5	305	20,911	3 5	728
John K Stoltzfus						
Ann	RH	4-4	305	17,865	4 1	728
Lloyd Wolf						
Maid	RH	5-0	305	17,843	4 1	728
Silkey	RH	8-2	288	17,003	3 9	658
Ezra M Martin						
Gail	RH	4-7	305	18,838	3 8	723
Daniel E Trimble						
Blacky	GrH	5-7	305	18,163	4 0	723
Rose	GrH	5-1	305	16,371	4 0	656
Ellis D Kreider						
Clover	GrH	6 5	305	18,190	4 0	720
Sadie	GrH	9-9	305	18,314	3 9	708
Linda	GrH	5-11	305	14,713	4 6	676
J Floyd Kreider						
Queen	RH	8-6	305	21,831	3 3	718
Jacob S Stoltzfus						
Fannie	GrH	6-2	301	19,742	3 6	718
Ronda	RH	8-1	283	17,876	3 6	642
V Ferry Rohrer						
Ada	RH	4-5	305	19,798	3 6	716
Nell	RH	8-1	305	19,569	3 6	702
Clarence M Murry						
Lass	RH	10 6	303	20,104	3 5	713
Robert W Ulrich & Son						
Ella	GrJ	3-7	305	11,799	6 0	711
Glenn C Hershey						
Louise	RH	8-5	305	16,153	4 4	707
Harvey W Stoltzfus						
Nettie	RH	5-10	305	18,867	3 7	706
John P Lapp						
Becky	GrH	4-5	305	17,967	3 9	705
Wilbur N Erb						
21	RH	3 9	305	18,124	3 9	700
J Elwood Longenecker						
Dewdrop	RH	8 6	305	17,853	3 9	700
Jay C Garber						
E Cilee	RH	4-5	305	18,324	3 8	699
G Yarta	RH	3 0	305	15,023	4 3	652
Reuben Z Smoker						
Peggy	GrH	5-1	305	17,597	4 0	699

(Continued on Page 24)

Facts Dairymen Should Know

By: Victor Plastow
Associate Agricultural Agent

By: Victor Plastow
Associate Agricultural Agent

WINTER DYSENTERY — Sometimes referred to as winter scours. The contributing cause of this disease is not clear, either a virus or a vibrio are probably involved.

The symptoms are sudden acute diarrhea that spreads through the herd Calves under one year old are usually not affected.

The means of spreading is possibly airborne as droplet infection and contaminated feed.

It is a stress related disease and almost non-existent in cold, loose housing

Ventilation should first be corrected when herds regularly come down with the problem. Anti-biotic treatment may be useful.

FREE STALL BARN VENTILATION — Points to consider:

1 Keep barns cold to prevent moisture condensation.

2. Insulation and ventilation are too costly compared with obtainable results

3 All areas should be roofed to protect against snow, rain and wind

4 Barns may be open on one side (away from winds)

5 Or they may be enclosed, but uninsulated with openings under eaves and at roof ridge

6 Eave openings to be at least six (6) inches and continuous from one end to the other on both sides Windy side may have to be restricted in size

7 Ridge vent may be a six (6) inch slot covered with a metal cupula Commercial ventilators may be used, but are more costly

8 Fans set high in the gable may be used in place of the ridge vent Fan will be more costly,

(Continued on Page 24)

Garden Spot Young Farmers Break 200 Bushels Of Corn

Young Farmers in the New Holland area have "really done some corn growing" in 1969, according to Donald M Robinson

Clyde Martin grew a whopping 198 5 bushels of corn per acre on his farm at East Earl RD1 near New Holland, but it was only the third best 1969 yield among members of the Garden Spot Young Farmers

Andy Stoltzfus had 213 8 bushels per acre on his farm at Elverson RD2, but he took only second place

First place trophy went to Larry Weaver with 221 9 bushels of corn per acre on his New Holland RD1 farm just east of New Holland

The awards were presented at the Young Farmers annual banquet at Blue Ball Fire Hall Friday night of last week Robinson, the Garden Spot Young Farmers advisor, presented the awards to the corn grain contest winners

Corn silage winner was Ivan Yost of Christiana RD1, with 23,500 pounds of TDN (total digestible nutrients, as determined by a forage analysis by Pennsylvania State University) per acre

Ken Skiles of Narvon RD2 was high DHIA member with 14,353 pounds of milk and 561 pounds of fat.

Marvin Zimmerman won the contour plowing contest and John C Campbell captured the large plow contest title Zimmerman also took tractor driving contest honors

Recognized for best attendance record at organization meetings was Robert Martin

The Young Farmers presented certificates of appreciation for the help and cooperation of two area firms New Holland Supply Co, represented by company president, George Weaver, and Penn Jersey Harvestore Systems Inc, represented by John Flora, store manager Robinson, the advisor, also was awarded a plaque of appreciation

Making brief statements of introduction and welcome were Nelson Weaver, president of the Grassland FFA chapter, who thanked Young Farmers for their help; Linford Martin, state FFA vice-president for region II and past president of the Grassland chapter, and Robert Martin, state secretary of the Pennsylvania Young Farmers

In the corn grain contest, in which 19 Young Farmers competed, Ivan Yost placed fifth and Robert Martin fourth

In the corn silage contest, Clyde Martin was second with 15,700 TDN per acre and Ken Skiles was third with 13,500 TDN Frank Yost was fourth and Larry Weaver fifth

Glenn Eshelman entertained with a colored slide presentation

Larry Weaver, outgoing Young Farmer president, was toastmaster

CHEMICAL FERTILIZERS

Chemical fertilizers are irreplaceable in providing adequate food and fiber for the nation's growing population, according to Dr Robert White-Stevens, chairman, Bureau of Conservation and Environmental Science, Rutgers University

"Were U S agriculture confined to natural sources of plant nutrients, the nation would rapidly starve to death," he said, and pointed out that if it were possible to spread all U S animal wastes and domestic sewage over the nation's 500 million arable soils, this would still amount to less than four per cent of current fertilizer use

White Stevens acknowledged that water runoff from poorly-managed agricultural and urban lands can result in severe plant nutrient losses, especially organic nitrogen to surface waters This is not a serious problem currently, he indicated, but an area where increased soil conservation emphasis is needed

LIFE INSURANCE

Follow these guides in determining the kinds and amounts of insurance protection you should buy

Get your policies together Read them and understand exactly what protection each provides

Examine your resources as a family This includes your savings social security and property plus human resources involving your family's health, skills, abilities, and earning capacity

What kinds of losses would be most serious to you? Can you afford to cover any risks out of your pocket"

Cover first the losses that would be most serious

Learn as much as you can about the kinds of insurance protection that are available

Find a good reliable insurance agent, one whose judgement you can trust in helping you make decisions

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The latest records show the following information.

24 cows with over 20,000 lbs. of milk
(we fed five of the top ten)

21 cows with over 750 lbs. of fat
(we fed four of the top ten)
(ours averaged 879 lbs.)

47 cows with lifetime fat production over 3,000 lbs.
(we fed 30% of those)

The highest herd average was 15,044 lbs. of milk.
(Guess who fed them.)

What we're trying to say is,
With performance like this, we must be doing something right.

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YOUR FULL SERVICE DEALER

What's New?

(Continued from Page 1)

Weed Control

The Ansul Company, Marinette, Wis, has introduced two improved selective post emergent weed control products. They are "Ansar 529 H C," a MSMA liquid plus surfactant, found to be especially effective in controlling Johnsongrass, nutsedge, Dallisgrass, cocklebur, barnyardgrass, ragweed, sandbur and puncture vine, and "Ansar H C," an MSMA liquid with similar capabilities

The firm also is introducing "Broadside," a new general post emergent weed control agent to provide quick knockdown of above ground vegetation and at the same time act systemically on deep-rooted perennial weeds and grasses. It is recommended in non-crop areas such as rights-of-way, fence rows, around buildings and along utility lines.

PLANT DOEBLERS'

85X and PA 8703

- **RESISTANT TO YELLOW LEAF BLIGHT!!**
- **FULL SEASON CORN HYBRIDS!!**
- **EXCELLENT STANDERS and TOP YIELDERS!!**

In the '69 Lancaster Co. Extension Corn Tests of 41 Hybrids, 85X yielded 167 bu. dry shelled corn per acre; PA 8703 yielded 178 bu. dry shelled corn per acre. WHAT HYBRID TOPPED THE TEST?? DOEBLER'S 82X at 185 bu. Plant DOEBLER'S — — The corns bred in Penna. where they are Farmer planted.

T. A. DOEBLER & SON

R. D. #1 JERSEY SHORE, PA.

See Ad on Page 10 listing Lancaster Co. Dealers

Insect Control

The Du Pont Company has developed a new broad-based insecticide called Lannate methomyl for insect control on cabbage, head lettuce, broccoli, cauliflower and chrysanthemums.

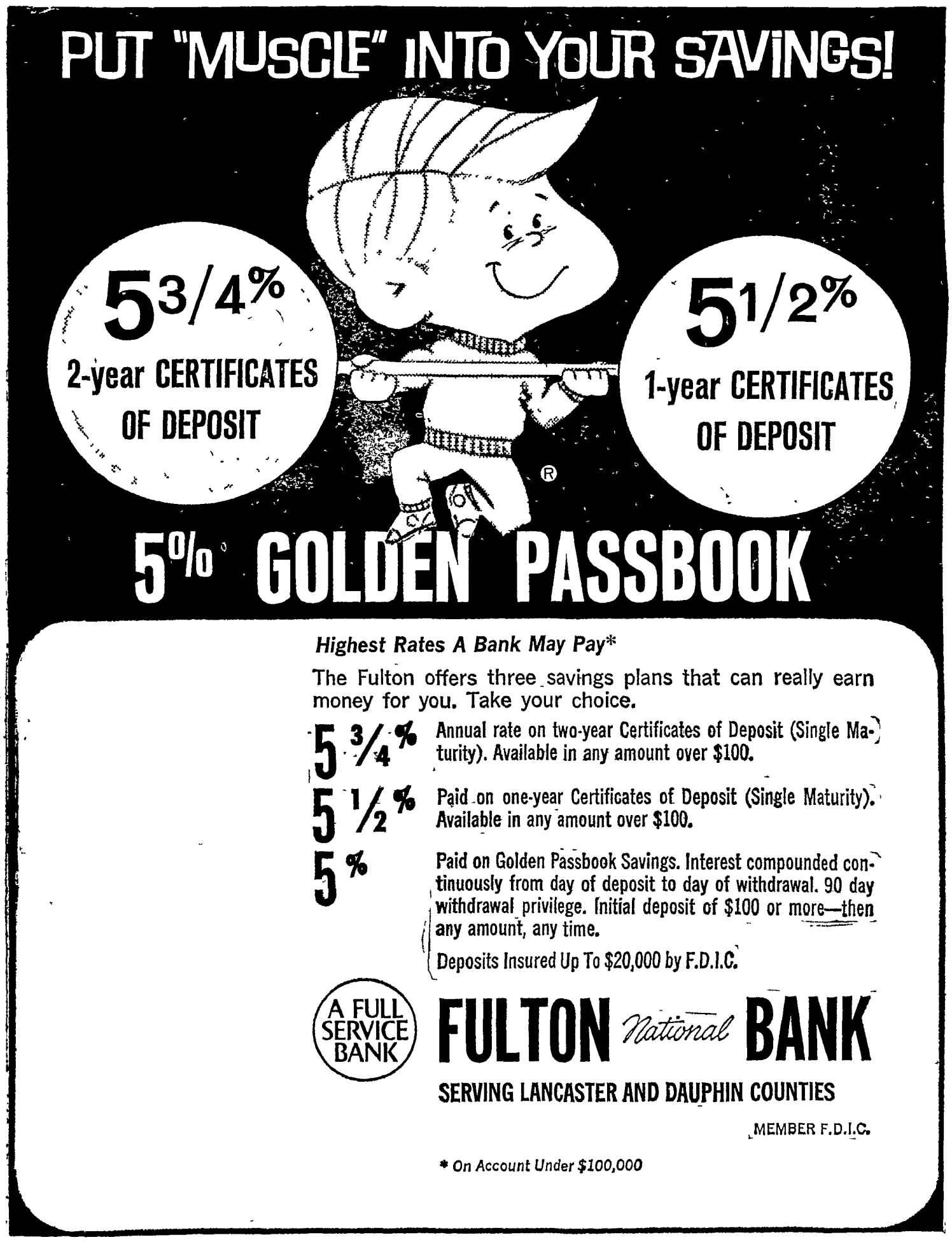
Lannate is reported particularly effective against some difficult to control pests such as caterpillars, beetles, aphids, thrips and leaf hoppers It also is urged for control of cabbage looper, imported cabbageworm, diamondback moth, beet armyworm, alfalfa looper, corn earworm and thrips.

Sweet Corn Picker

Massey-Ferguson has announced the world's first four-row self-propelled sweet corn harvester with a built-in three-ton hopper Similar in concept to the company's self-propelled combines, the harvester has adequate capacity to harvest up to 18 tons of sweet corn per hour, more than double the rate of conventional two row pickers.

25-Pound Bag

A Sutan atrazine 36-12 WP, a tank mix to control major grasses and broadleaf weeds that compete with corn, is now available as a one-package wettable powder formulation in a 25-pound bag, according to Stauffer Chemical Co



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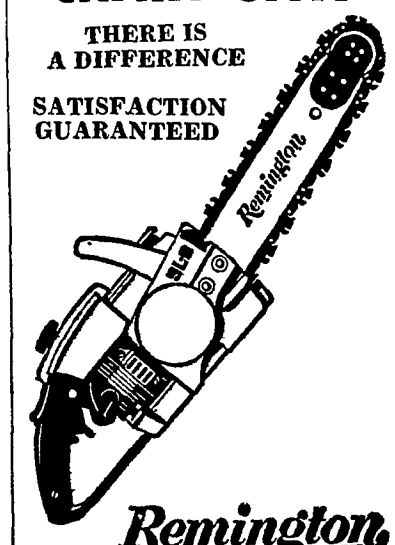

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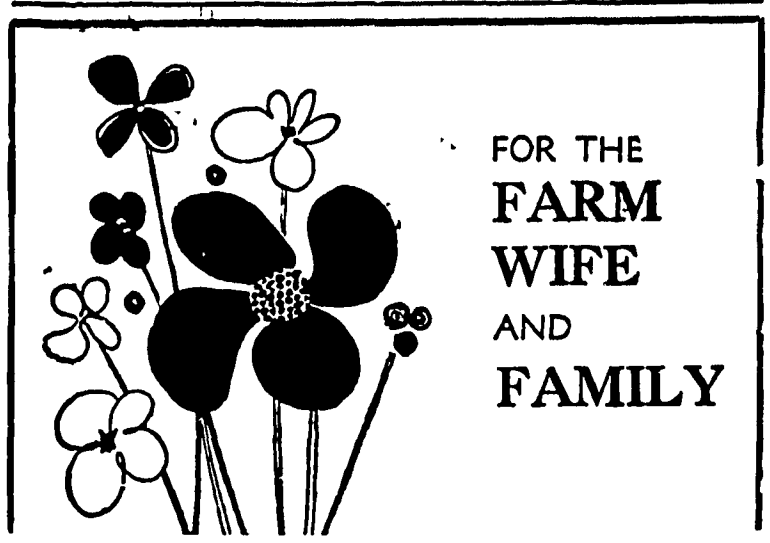

Make Your Own Mix

By Mrs. Richard C. Spence

All of the recipes we have for you today can be made from an easily prepared mix By making a big batch of this time and money saving mix you can turn out an assortment of cookies breads or cakes as easily as an assembly line operation Here is the recipe for the mix

MAKE-YOUR-OWN-MIX

- 2 cups shortening
- 9 cups sifted all-purpose flour
- 1 tablespoon salt
- ¼ cup (4 tablespoons) double acting baking powder

Combine sifted flour, salt, and baking powder Stir well. Sift into a large bowl or pan Add shortening Use finger tips or pastry blender to distribute shortening throughout dry ingredients until the mixture resembles small peas The mix is now ready to use or store in a closed canister on your cupboard shelf.

* * * *

And now for recipes using this mix

DATE - NUT BAR

- 1½ cups Make-Your-Own-Mix (do not pack)
- 1 egg
- ¼ cup water
- 1 teaspoon vanilla
- ⅔ cup sugar
- 1 cup finely chopped dates
- 1 cup chopped nuts
- Powdered sugar

Break egg into bowl, beat Add water and vanilla Stir in mix and sugar Add dates and nuts. Mix thoroughly Spread in an 11 x 7 x 1½ inch pan Bake in a moderate oven (350 degrees) 30 minutes Sprinkle powdered sugar on top Cool Cut into bars

* * * *

CHOCOLATE CHIP COOKIES

- 1½ cups Make-Your-Own-Mix (do not pack)
- 1 egg
- 1 teaspoon vanilla
- 1 teaspoon water
- ¼ cup granulated sugar
- ½ cup packed brown sugar
- 1 cup chopped nuts
- 6 ounce package semi-sweet chocolate pieces (1 cup)

Break egg into bowl; beat. Stir in vanilla, water, mix and sugars Mix thoroughly. Add nuts and chocolate pieces. Stir just to blend Drop by teaspoonfuls on- to a cookie sheet. Bake in a moderate oven (375 degrees) 11 to 13 minutes. Makes three dozen.

* * * *

PEANUT BUTTER PINEAPPLE COOKIES

- 2 cups Make-Your-Own-Mix (do not pack)
- 1 cup peanut butter
- ¾ cup sugar
- ¼ cup undiluted evaporated milk
- 1 teaspoon vanilla
- ½ cup crushed pineapple

Combine all ingredients in mixing bowl Beat thoroughly. Shape into balls one-inch in diameter. Place on cookie sheet. Press down to flatten with fork dipped in sugar. Bake in a moderate oven (350 degrees) 10 to 12 minutes. When cool, store in tightly covered container. Makes three dozen.

* * * *

PINEAPPLE UPSIDE-DOWN GINGERBREAD

- 2 cups Make-Your-Own-Mix
- 1 egg
- ½ cup milk
- ½ cup dark molasses
- ½ cup granulated sugar
- 1 teaspoon ginger
- ½ teaspoon ground cloves
- ¼ teaspoon nutmeg
- 3 tablespoons margarine or butter
- ¼ cup packed brown sugar
- 1 cup crushed pineapple, drained, or pineapple slices

Break egg into bowl; beat Add milk and molasses and combine. Stir in mix, granulated sugar, and spices Beat until well-blended Melt margarine or butter in an 8 x 8 x 2-inch pan Add brown sugar to melted margarine or butter and spread pineapple evenly over bottom of pan. Pour batter over pineapple. Bake in a moderate oven (350 degrees) 40 to 45 minutes. Invert on platter and serve warm.

* * * *

APPLE DATE BREAD

- 3 cups Make-Your-Own-Mix
- ¼ cup milk
- 1 egg
- ¼ cup orange juice
- ¾ cup applesauce
- 1 cup chopped dates
- ½ cup chopped walnuts
- 1 teaspoon grated orange peel
- ½ cup sugar

Combine milk, egg, orange juice, applesauce, dates, walnuts and orange peel. Add mix and sugar. Beat to blend thoroughly. Turn into a 9 x 5 x 3 inch loaf pan, bottom rubbed with shortening. Bake in a moderate oven (350 degrees) 50 to 60 minutes.

* * * *

BANANA BREAD

- 2 cups Make-Your-Own-Mix (do not pack)
- 1 cup mashed bananas (about 4 small bananas)
- ¼ cup chopped nuts
- 2 eggs
- ⅓ cup buttermilk or sour milk*
- ⅔ cup sugar
- ½ teaspoon soda

Combine bananas, nuts, eggs, and milk. Add mix, sugar, and soda. Beat to blend thoroughly. Turn into a 9 x 5 x 3 inch loaf pan, bottom rubbed with shortening Bake in a moderate oven (350 degrees) 45 to 50 minutes. Twelve hours! storage improves flavor and texture.

*To make sour milk, place one teaspoon vinegar in measuring cup and fill to one-third cup mark with milk

* * * *

CORNBREAD

- 2 cups Make-Your Own-Mix (do not pack)
- 1 egg
- 1 cup sour milk
- 1 cup yellow cornmeal
- ¼ cup sugar
- ½ teaspoon soda

Break egg into bowl; beat. Stir in milk, mix and remaining ingredients. Stir quickly and vigorously until just mixed. Pour batter into an 8 x 8 x 2 inch square pan, bottom rubbed with shortening Bake in a hot oven (425 degrees) 25 to 30 minutes.

* * * *

COCONUT BARS WITH CANDIED CHERRIES

- 2 cups Make-Your-Own-Mix
- 2 eggs
- ¾ cup packed brown sugar
- 1 cup chopped nuts
- 1 teaspoon vanilla
- ⅔ cup cut, candied cherries

Break eggs into mixing bowl. Add mix and remaining ingredients Mix to blend. Batter will be stiff Spread batter in a 13 x 9 x 2 inch pan, rubbed well with shortening Bake in moderate oven (350 degrees) 25 to 30 minutes.

CHOOSING A HANDBAG

When you shop for a handbag, check it for good workmanship. Ask yourself how convenient the bag is.

See that the opening is large enough and convenient to use. Look at the mountings and fittings to see if they are strong. Check the lining to see if it will withstand constant rubbing.

See if there are extra compartments. You may appreciate having them. After you buy your handbag, give it good care and it will stay new looking for several seasons.

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Farm Women Societies

SOCIETY 18

The Society of Farm Women 18 installed a new member, Mrs. Henry Nissley, at a meeting recently at the home of Mrs. Gladys Good of 929 Rohrerstown Road., Lancaster. Mrs. Lester Kreider president, conducted the meeting.

The club made plans for a 25th anniversary celebration in April.

During the program, each member displayed an antique and told the story behind it.

Two contributions were made: to the Craig Harnish fund and for groceries to a needy family.

SOCIETY 3

The Society of Farm Women 3 recently held a "Happy February Party" at Mount Airy Fire Hall for members and their families under the direction of Mrs. Harold Stuber, program committee chairman.

The 76 persons present enjoyed a noon meal and later games and contests. Beautiful handmade decorations were awarded as door prizes

At the society's recent meeting in the homes of Mrs. Walter Trumbauer, Ephrata RD1, the Ephrata Recreation Center was awarded a $50 donation.

The Conestoga Valley Association was the selection for the society's county project.

Miss Linda Stuber, scholarship chairman, read the general rules for the 1970 scholarship award of $200 to male or female graduate of the Ephrata Area or Cocalico Union High School furthering their education in home economics or agriculture.

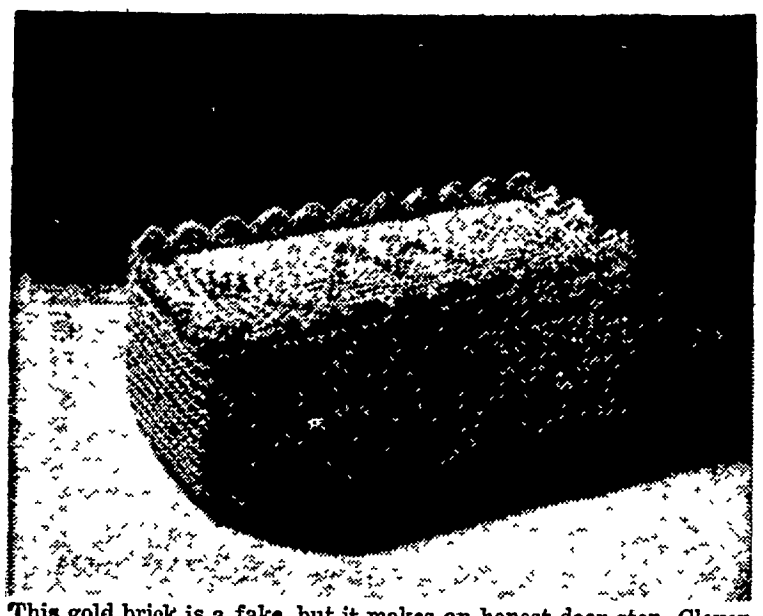
Awards of paper weights engraved in gold for the Ephrata area 4-H Club leaders were mailed to Mrs Clarence Stauffer, 1969 program chairman, and were awarded to the leaders, Miss Susie Benn, Mrs Ivan Eberly, Mrs Harold Fry, Mrs. Harlan Farlow, Mrs Robert Gregory, Mrs Ernest Hartranft, and Mrs. Alfred Schwankl.

President Mrs. Robert Gregory appointed Mrs Harry Usner and Mrs George Wealand to the scrapbook committee

The flower committee reported fruit baskets and flowers were sent to numerous sick and hospitalized members and families.

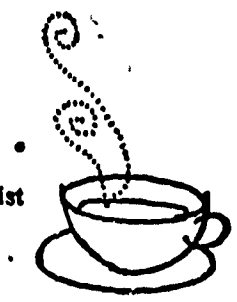
Mrs. Trumbauer, program committee member, introduced the speaker, Lancaster Trooper Alan McNult, who spoke on "Wide Use of Drugs" A general discussion was held on the drug situation.

Presto! Crocheted cover-ups transform a box and roll of tissue paper into decorative assets. Go way out with color when you select the two shades of knitting worsted required for the graceful, overlapping shell pattern. This set provides a fresh touch for a neglected bathroom. Free instructions are available by sending a self-addressed, stamped envelope to the Needlework Editor of this newspaper along with your request for Leaflet PC 4189.



This gold brick is a fake, but it makes an honest door stop. Clever givers will recognize its gift value. To make one, you use an authentic clay brick with a slipcover crocheted of gold metallic "KNIT-CRO-SHEEN." The recipient's initials are written on top in diamonds, also unreal. Free instructions are available by sending a self-addressed, stamped envelope to the Needlework Editor of this newspaper along with your request for Leaflet PC 4595.

Ladies, Have You Heard? . . .



By Doris Thomas, Extension Home Economist

Variations For Vegetables

Add a pinch of herbs or a tablespoon of minced onion, green pepper, or chives before cooking fresh vegetables. These add flavor, without calories.

Season after cooking with a flavorful fat — bacon drippings, butter, or margarine — or with salad oil to which a little lemon juice, horseradish, or garlic has been added.

Sprinkle lemon juice or herb vinegar on boiled vegetables for a pleasantly tart touch

Mash vegetables, beat in a little hot milk, add butter or margarine, and season with salt and pepper.

Serve with a tasty sauce, such as mushroom, cheese, onion, celery, white, or hollandaise

THOMAS

Make The Most Of Your Own Fashion Personality

Concentrate on one focal point, and dramatize it Don't wear too many exciting things at one time

Always thing of your hair-style in relation to what you're wearing.

Your posture is more important than your proportions

The most inexpensive dress can be made to look better if it fits, if excess trimmings are removed, and if you use the right accessories

Don't make the mistake of wearing something that attracts more attention to what you're wearing than to who is wearing it Clothes should be an integrated part of you so people will admire the whole effect

Good grooming is essential to fashion

Coordinate your wardrobe. Take an inventory of the clothes you have, concentrating on the

(Continued on Page 26)

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Fulton Grange Seeks Better Phone Service

Fulton Grange 66 has appointed a committee to meet with the Commonwealth Telephone Company representative to seek improved telephone service to the Household Quarryville area residents

An effort will be made to secure direct dial to Lancaster numbers without going to Holtwood residents

Motor trunk route was sought for Quarryville

Members of the committee to meet with the phone company are Clifford W Holloway J Gyles Brown and Thomas Bradley

Richard Holloway presided at the Grange's regular business session Monday night A donation was made to the Chester Myers Fund The Charter was draped in memory of Mrs Mary J Herr

Thomas Galbreath was appointed chairman of a Community Service committee for this year David Wissler and Mrs Clifford Holloway were appointed on a ticket and advertising committee for the Grange's annual turkey supper which will be held April 4 at the Grange Hall in Oakryn

Anyone interested in entering the National sewing contest was asked to contact Mrs Charles Reath, Drumore Contest ends April 30 The Lancaster County Pomona Grange chorus will hold rehearsal at 8 p m March 30 at Fulton Grange Hall

Fifteen Grangers and friends attended the Hershey-Montreal hockey game February 21 at Hershey

The Youth committee is sponsoring a teen dance Feb 28 from 8 to 11 p m at the Grange Hall to be conducted by Bob Gentry of radio station WLAN Lancaster The committee is also sponsoring square dance March 14 for the young people of the community with John Miller calling

Mrs Stanley Stauffer Jr lecturer presented the program which opened with group singing Columbia The Gem Of The Ocean" Mrs Stauffer gave a reading The Battle Of Texas Mr and Mrs Walter Mc nshow showed movies of places they took in Morocco and gave an account of their experiences there

The displayed many souvenirs such as brass blankets tapestries jewelry leather bags hassocks, ancient brass silver pieces, coins pillows silver brocaded material and dolls

The Junio Grange will meet March 9 Past Masters Night, to conduct a paper drive

Fulton Grange will fill officers chairs March 17 at a county visitation meeting at the Quarryville Fire Hall as guests of Colerain Grange and Salisbury Grange will present the program

A lamp-making demonstration will be held at Fulton Grange March 23

The Lancaster County Pomona Grande will meet at the White Horse Fire Hall April 18 as guests of Salisbury Grange

Baily's Beads

The phenomenon known as Baily's beads is the effect which occurs just before and just after a total eclipse of the sun The "beads" are a bright line of sparkling dots caused by sunlight shining through valleys at the moon's circumference

Senator Scott Cited

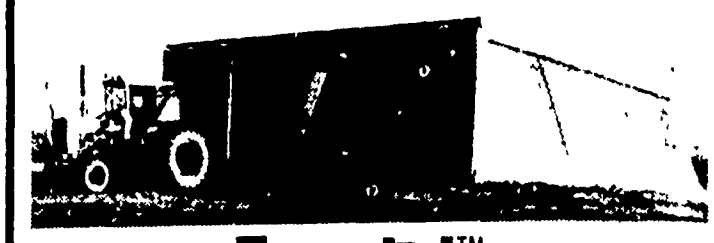
Pennsylvania's U S Senator Hugh Scott was recognized Saturday for "significant achievement in the field of conservation" by two Pennsylvanian conservationist organizations at New Castle Senator Scott received the "Pennsylvania Conservationist of the Decade" award by the Allegheny River Conservation Association and the Ruffed Grouse Society of America

Congressman Frank M Clark who represents the 25th Congressional District accompanied Senator Scott and also received an award from the conservation groups

At a dinner in his and Congressman Clarks honor Senator Scott told the conservationists that he was the chief sponsor of President Nixon's environmental quality legislation He told the sportsmen gathered at Troggios Restaurant New Castle "These 7 bills which I introduced last week go far beyond rhetoric and meet the issue of what must be done

"We have talked too much We have done too little", Senator Scott said, adding, "I hope that we, after much talk, are willing to act, and act now, to that massive by-partisan support will assure Pennsylvanians protect our precious resources"

The Buy of the Year!



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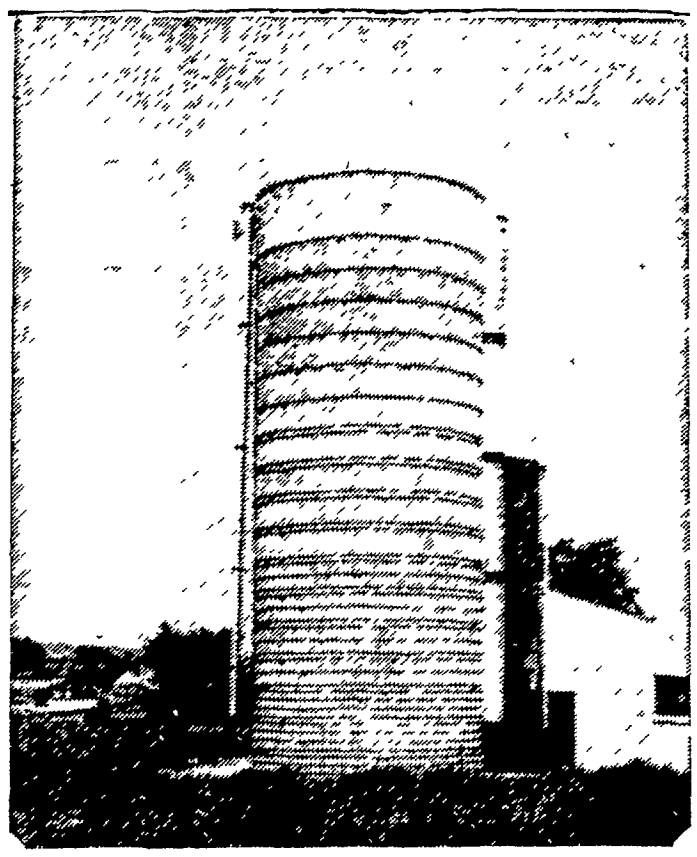

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Hot Shot Batteries (6 volt)	4.50	3.75
Grease Guns	4.25	3.69
Calf Scour Bolus (box of 6)	1.20	.99
Calf Scour Bolus (box of 24)	4.08	3.77
Handi Udder Ointment	.95	.77
Hoof Rot Treatment	1.95	1.69
Masticort (box of 12 syr.)	10.80	9.77
Liquid Bactericide and Teat Dip	1.52	1.60
Calf Mastits Test Starter Kit	4.95	3.95
Duocide Chucks	2.50	2.11
Duocide Mixed Bait	2.50	2.08
CLEANSERS		
Acid Cleanser	4.06	3.85
Bulk Tank and Utensil (9 lb.)	3.95	3.75
Bulk Tank and Utensil (20 lb.)	7.85	7.45
Iodophor	3.94	3.74
Pipe-Line Cleanser	8.85	8.40

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For prices, contact: Fred Frey, Mgr.
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Quarryville, Penna. 17566

● Air

(Continued from Page 17)

pollutants hurting county tobacco were labeled "oxides."

He termed oxides "very toxic," so toxic that only 10 to 30 parts per 100,000,000 in air causes damage to plants

A major source of oxides is the automobile "Oxidant damage is going to be an even more important problem in the years to come until we get a more efficient gasoline engine"

Besides tobacco, Weidensaul cited a pollution threat to the survival of the Christmas tree industry in Indiana County He said several Pennsylvania livestock have died from lead poisoning. The animals get the lead from plants, which absorb it from pollution sources.

Weidensaul emphasized that pollution usually doesn't kill crops, but weakens plants, reducing yields This type of loss is hard to measure, he said.

Joseph McGahen, Penn State extension agronomist, also spoke briefly on pollution — from the viewpoint of the farmer

McGahen said he's "tired" of hearing farmers blamed for stream pollution problems "There's doggone little proof that much nitrates get into streams from farm fertilizer" If the issue were properly studied, McGahen said he's sure it would be found that the bulk of stream pollution comes from sewage plants

Most air pollution comes from automobiles, which are concentrated in the urban areas, he added

By continually increasing production and plant vegetation, farmers actually help clean the air, he added

McGahen said he realizes pollution is a farm problem, too, but those who make statements on the problem should "point the finger in all the directions."

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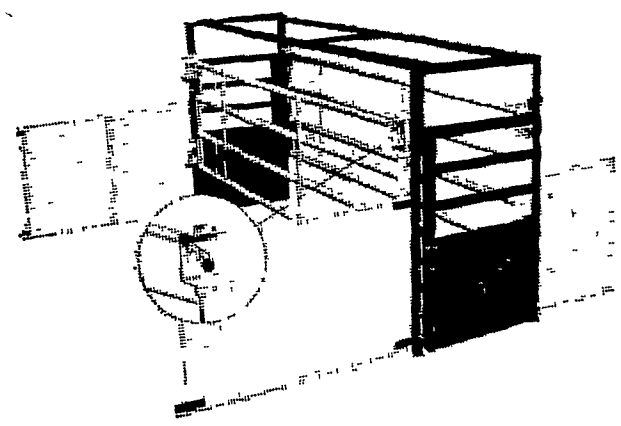

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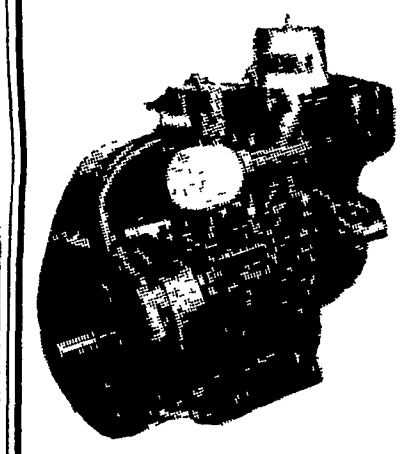

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DHIA MONTHLY REPORT

(Continued from Page 17)

Owner	Breed	Age	Days	Milk	Test	Fat
Amos H. Rutt						
Bonnie	RH	4-0	272	15,812	4 4	698
Gail	RH	7-1	305	14,473	4 7	682
Blossom	GrH	10-1	305	16,449	3.9	640
John L. Landis						
Horn		9-0	305	17,131	4 1	696
Aaron S. Glick & Sons						
21	GrH	6-5	305	16,701	4 1	693
Ben M Stoltzfus						
Lark	RH	4-6	305	17,535	3 9	690
J. Clayton Charles						
Dessie	RH	4-4	305	16,316	4 2	688
Calvin D. Beiler						
Lou	RH	10-7	305	16.905	4 1	686
Queameade Farms						
Audrey	RH	5 6	305	15.521	4 4	685
Harold M. Shenk						
Bossy	GrH	5 9	305	18.367	3 7	684
John M Nissley						
Whity	RH	6-0	305	18.190	3 8	684
Ivy	RH	7-1	253	16.170	4 1	671
John A. Harsh						
Susie	GrH	8-2	305	19.052	3 6	683
Martin N. Heisey						
Betsy	GrH	8-5	305	21.471	3 2	682
A. H. & E. Shelly						
Ginny	RH	5-6	305	18,525	3 7	680
John S. Yost						
Doris	RH	8-9	300	16,650	4 1	680
J. Eby Hershey						
Bubbles	RH	8-2	305	19,509	3 5	674
Nelson H. Hershey						
Mattie	RH	10-4	291	17,108	3.9	674
Ralph Myer						
78	GrH	3-5	305	17,128	3 9	673
David S. Smucker						
Lindy	RH	4-3	305	17,277	3.9	672
Sam & Allen Kreider						
Pam	GrH	6-4	305	16,690	4.0	671
Jacob R. Houser Jr.						
Susan	RH	2-4	305	15,247	4 4	671
Nelson E. Martin						
Grace	RH	5-3	305	16,216	4 1	669
B F. & Mary Eshelman						
Bark	RH	7-8	305	15,431	4 3	669
Lantz Brothers						
Annie	RH	5-5	305	16,230	4 1	667
Galen W. Crouse						
Candy	RH	3-4	305	17,799	3 7	666
Ernstar	RH	2-6	305	14 571	4 4	644
James A. Hess						
Sally	RH	6-3	305	16 945	3 9	666
Frank J. Yost						
Mel	RH	6-0	305	16 560	4 0	666
Raymond & Louise Witmer						
Maple	RG	3-11	305	13,356	5 0	666
Minuet	RG	7-5	305	12,783	5 1	646
Clair M. Hershey						
Queenie	RH	6-2	292	16,383	4 0	663
Tangie	RH	3-7	303	15,221	4 2	646
Samuel M. Augsburger						
Orpha	RH	4-1	301	15 510	4 3	662
William P. Arrowsmith						
Holly	RJ	4-3	305	12,523	5 3	662
John C. Groff						
Jo	RH	6-5	305	17,428	3 8	661
J. Richard Garber						
Joan	RH	6-3	305	17,273	3 8	659
Reba	RH	7-2	305	20,778	3 1	649
Elmer H. Weber						
Molly	GrH	7-11	305	15,432	4 3	658
John N. Landis						
Mavis	RG	7-11	305	15,065	4 4	658
N Gerhart & L W. Nolt						
3	RH	4-2	297	14,071	4 7	657
9	RH	4-4	305	17,259	3 8	652
Melvin R. Eby						
Lynn	RH	5-4	305	16,123	4 1	656
Earl L. Hershey						
91	RH	7-4	298	17,974	3 6	654
86	RH	6-9	305	14,075	4 6	641
Monroe W. Good						
40	RH	7-6	305	16 538	4 0	654
Harry Zimmerman Jr.						
Polly	RH	6-11	305	16,300	4.0	654
J. Kenneth Hershey						
Millie	GrH	6-4	305	18,934	3 4	653
J. Z. Nolt						
Bess	RH	6-4	293	21,056	3.1	650
Weidler Brothers						
Velma	RH	5-2	305	18,350	3.5	649
Joseph L. Fisher						
Rainbow	RH	8-11	287	16,613	3.9	648
Joseph Eshleman						
Doris	GrH	5-10	305	17,016	3.8	647
Elsie	RH	6-1	305	16,661	3.9	643
Harry H. Ranck Jr.						
Hope	RH	6-6	305	16,447	3.9	647
Ben S. Stoltzfus						
Reflect	RH	9-7	305	14,341	4 5	647
Henry B. Leaman						
Gretta	RH	5-5	263	15,514	4 2	646
John M. Smucker						
Whity	RH	8-3	303	20,665	3 1	644
J Earl Horst						
Archie	RH	4 2	305	19,276	3 3	643
David S. Huber						
Sue	RH	6 4	305	15,136	4 2	641
J C Pownall Est.						
Phylis	GrG	5 6	305	11,658	5 5	641
Samuel K. Stoltzfus						
Beauty	RH	5-3	305	19,170	3 3	640
J. Mowery Frey						
Bonnie	RH	7-11	303	18,742	3 4	640
John R Sauder						
Maggie	GrH	4-9	305	17,140	3.7	640

HIGH DAILY BUTTERFAT AVERAGES

Name	Breed	Days On Test	No. Cows	% Cow Days In Milk	Milk Lbs.	% Test	Fat Lbs
Samuel F. Sauder	R&GrH	32	35 0	97.6	53.2	3.9	2 07
Ralph Myer	R&GrH	31	55.9	89.4	50 6	4 0	2 00
Ivan Z. Martin	R&GrH	29	44 6	93.6	50 8	3 9	1 98
Amos B. Lapp	R&GrH	30	36 0	89 3	54 7	3 6	1 96
Donald S. Eby	RH	27	44 6	93.0	46 4	4 1	1 92
Paul S Horning	R&GrH	26	35 0	99.7	53 9	3 5	1 90
Henry E Kettering	RH	29	59 1	86 9	46 7	4 1	1 90
David L Landis	R&GrH	29	31 0	89 0	47 9	4 0	1 90
Albert E Fry	RH	31	32 1	86 7	47 6	4 0	1 89
Nelson E Martin	RH	28	35 4	89 7	47 9	3 9	1 88
J Z Nolt	RH	38	36 3	88 3	52 2	3 6	1 88
Kreider & Kauffman	R&GrH	33	45 3	93 4	49 6	3 8	1 87
J Eby Hershey	RH	34	33 3	88 9	45 7	4 1	1 87
Harry G Kreider	Mix	31	73 8	90 6	46 8	4 0	1 86
John C Metzler	RH	29	41 4	88 7	48 3	3 9	1 86

Correspondence Courses

Sheep Course

Whether sideline or main farm enterprise, sheep raising is for the knowledge shepherd. High grade lambs and quality wool come with good care and intelligent management

A sheep husbandry correspondence course, now offered by Pennsylvania State University puts the main emphasis on management of small flocks, typical of those in Pennsylvania.

Lessons cover housing and equipment needs, nutrition and feeding practices, diseases and parasites and their control, plants poisonous to sheep, and lamb and wool marketing.

Thirty-five to 40 ewes are about the smallest number for a worthwhile farm flock, according to the correspondence course. With fewer than 35, the sheep project usually fails to receive the attention it deserves.

Send your name and address and $3.45 to Sheep Husbandry, Box 5000, University Park, Pennsylvania 16802 Make checks to Penn State There are no other charges and a complete course copy comes to you by mail.

Dwarf Fruit Trees

Popular varieties of dwarf apple and pear trees are usually available from most nurseries. Compact trees offer several advantages to booth the home orchardist and commercial grower, says C. Marshall Ritter, extension pomologist at The Pennsylvania State University. They usually begin to bear earlier than standard-sized trees Also, several varieties of compact trees can be planted in the space required for a standard variety

● Facts

(Continued from Page 17)

but much more positive under all conditions Do not use both fan and ridge vent

ESTIMATING TANK SIZE FOR LIQUID MANURE — The desired size of the tank depends upon:

1. Number of animals.
2. Length of time for storage.
3. Amount of water to be flushed into the storage
4. Weather and land conditions

The average 1400 pound cow will produce two cubic feet of manure and urine per day The storage capacity for different storage periods are as follows:

Days storage	Per Cow	40 Cows	60 Cows
1	2	80	120
30	60	240	3600
60	120	480	7200
90	180	720	10,800

The Pennsylvania Dairy Sanitarians Association has approved a set of guide lines for liquid manure systems These suggested guide-lines give recommendations for tank size, location and construction materials.

It is important to check with the local fieldman during the planning stages Individual plans must be approved.

FOOD COST-CUTTERS

When you buy meat, consider the amount of lean meat in the cut, not the cost per pound. Some cuts contain bone, gristle, and fat waste.

Bacon, which is largely fat, is one of the most expensive foods you can buy in terms of protein value.

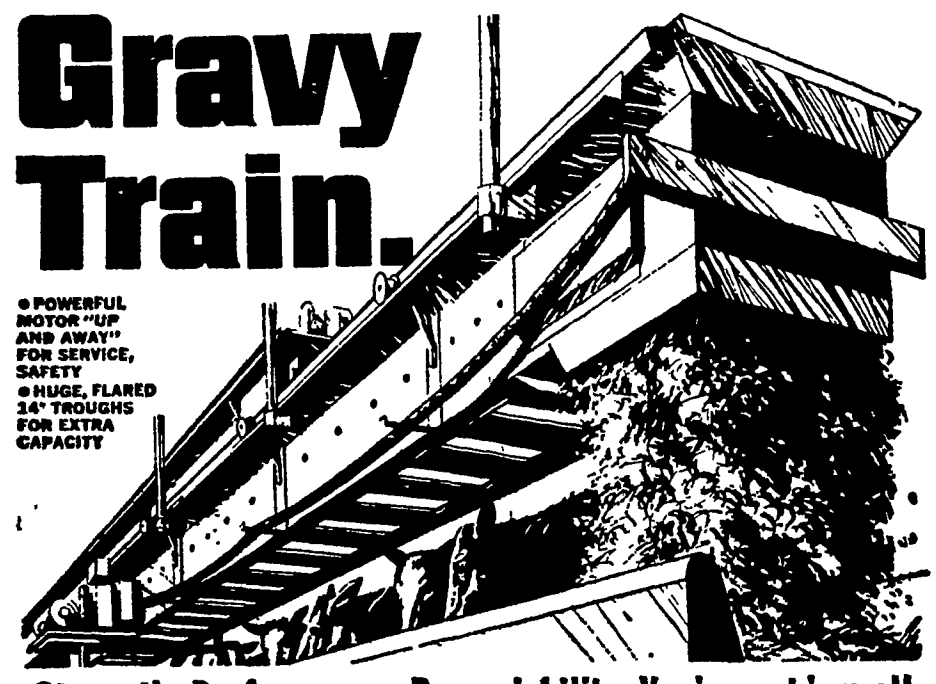
Chicken and turkey have a large proportion of bone to lean, but are often bargains compared with other meats Fish is high in nutrients, often low in cost.

Eggs are usually a less expensive source of nutrients than most meats

Serve liver, it gives you a high nutritive return for money spent

Buy bread that's whole-grain or enriched and that contains milk.

Gravy Train.



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Ag Engineer Cautions

Farmers Must Understand No-Till

No-tillage farming has its place in Lancaster County, but any farmer going into it should be sure he understands it and adapts it to his own particular farm.

That was the word of caution from Burt Horne, Penn State extension agricultural engineer, to Lancaster County farmers attending the annual Soils and Crops Day at the Farm and Home Center Tuesday. About 225 farmers attended, with a maximum of about 150 at one time, at the 8:30 a.m. to 3 p.m. program, according to Arnold G. Lueck, associate agricultural agent of the county extension service, moderator.

Horne said no-tillage farming is particularly suited to long crop rotation cycles, such as sod, corn, corn, and corn.

It's hard to kill heavy alfalfa grass sods, necessary to prepare for no-tillage planting. The cost of killing the sod may be high and it's necessary to put weed killer on at the right time.

Deep placement of fertilizer also is difficult with no-tillage. There's no way to overcome this disadvantage at present.

HAVE HARDWARE

But Horne said three major companies now have planters for no-tillage and more hardware and machinery will come on the market. There's already enough on the market to do the job, he said.

Horne is now suggesting that farmers using no-tillage plow one year out of five to get rid of debris piling up on the ground surface and also to put phosphorus down for the ensuing couple of years.

No tillage increases the amount of control needed for weeds and insects and this has to be kept in mind, although weeds and insects can still be kept under control

Can no-tillage produce better crop yields in Lancaster County?

"I think there are places in Lancaster County where it will work out quite well," Horne said

He said results will vary with the type of soil and type of growing season. It was previously reported that no-tillage cultivation helps retain moisture, giving better results, particularly during dry seasons.

There are no-tillage plots in 29 counties. Results with no-tillage in some areas have been better, some the same and some worse than conventional methods, Horne said.

It was learned last week that some county corn growers intend to use no-tillage in Lancaster County for the first time in 1970

USE ONE SYSTEM

Another speaker, Joseph McGahen, Penn State extension agronomist, cautioned that a farmer can have success with either tillage or no-tillage, but "you have to understand the one you use" Mistakes can be made with either system, he said, and the most important thing is to "put it all together into one system"

McGahen, speaking on increasing corn yields, had numerous other suggestions for corn growers. He advised farmers not to rely on just one variety of corn, but to plant three or four of the best producing hybrids A 10 per cent variation in yield between hybrids isn't considered statistically significant, because the ranking of the top varities will often change from year to year.

Don't plant cheap seed, at a saving of $3 to $4 an acre, because it's not significant in the face of total costs of about $90 an acre "A low yield is the easiest way to increase costs" and one of the easiest ways to get a low yield is to use inferior seed

Many growers are "over-machined" McGahen explained, "The farmer says he wants it picked when he wants it picked Well, how much can you afford to pay for this type of thing."

Holding costs down by buying a minimum of machinery may mean the difference between success and failure for a young farmer.

A survey of Pennsylvania farmers last year showed 70 to 80 bushels of corn is necessary for farmers to break even About 10 to 20 per cent aren't even reaching this point—they're losing money on their corn.

WEED CONTROL

Weed control is important In the survey, farmers who indicated they had "good" weed control produced an average of 131 bushels of corn per acre, those with "average" weed control listed 118 and those with "poor" weed control only 110.

Noting that the difference between 110 and 131 bushels is about $25 worth of corn, McGahen said this $25 would be a good return on the $5 it would cost

(Continued on Page 30)

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768-8916

USDA Urges No Large Egg Production Increase

Prospective demand for eggs during July - December 1970 will not support a large increase in egg production without a significant decline in prices to producers according to the Egg Marketing Guide published by the U S Department of Agriculture

The USDA made the statement while recommending levels of flock size, egg production, and flock replacement hatch for the second half of the year

The department emphasized that the outlook for the second half of 1970 indicates a slowing of economic growth, some easing of inflationary pressures, and slightly larger supplies of red meat broilers and turkeys

While these factors can be expected to maintain a strong consumer demand, it may be less bouyant than in the last half of 1969, according to the USDA

However, the USDA said, if egg producers follow USDA recommendations, and the demand for eggs continue as favorable as expected, prices to both producers and consumers should be generally satisfactory.

Egg Marketing Guides, published by USDA's Consumer and Marketing Service, are prepared to help egg producers adjust their output to the needs of consumers so as to avoid wide fluctuations in supplies of eggs with consequent extremes in prices The July - December 1970 Guide will be published soon

During the last 6 months of 1970, USDA recommends that

(1) Egg production should be increased by 2½ per cent from the same period in 1969.

(2) The Nation's laying flock should be increased by 1½ per cent from a year earlier.

(3) The egg-type flock replacement hatch should be as large as a year earlier.

Copies of the Egg Marketing Guide for July - December 1970 which contain details supporting the recommendations, may be obtained within the next three weeks from the Information Division, Consumer and Marketing Service, U.S. Department of Agriculture, Washington, D.C.

Mercury Seed Use Suspended

The U S Department of Agriculture has notified pesticide manufacturers that Federal registrations are suspended for products containing cyano methylmercuri guanidine that are labeled for use as seed treatments

USDA's Agricultural Research Service suspended cyano methylmercuri guanidine fungicide because its continued use on seeds would constitute an imminent hazard to the public health

Directions for proper use and caution statements on labels of the product have failed to prevent its misuse as a livestock feed The USDA registered label specifically warns against use of mercury-treated seed for food or feed purposes The pesticide may cause irreversible damage to both animals and man

The action was taken following the hospitalization of three New Mexico children after they ate meat from a hog which had been fed seed grain treated with the now-suspended mercury compound Subsequently, 12 of the remaining 13 hogs also fed the seed died

Dr Hays also announced that ARS has asked the Advisory Center on Toxicology of the National Research Council to review uses of other organo-mercury compounds to determine if similar hazards to human health exist in connection with the use of these compounds

● Have You Heard?

(Continued from Page 22)

wearable clothes first Try to fill in your present wardrobe, before you plan a completely new outfit

When you begin to shop, budget yourself

When you buy, come as close as possible to a perfect fit

Fashion is learning to look like you and to look like the most perfectly put-together expression of your taste

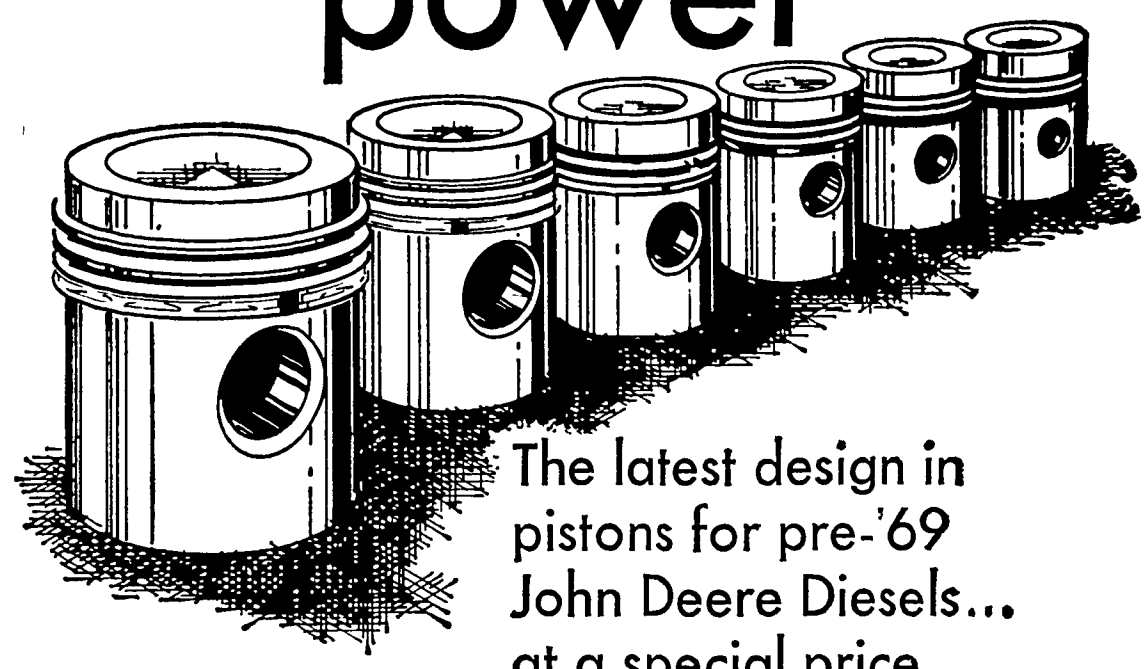
Think Safety As You Work

Carelessness, hurrying, just not thinking, or not eliminating hazards causes accidents You could make a long list of hazards but your most important safeguard against these hazards is your attitude

If you constantly think about the safe, sensible way of doing things, it will become a habit. Combine this habit of thinking safety with your good housekeeping habits and you reduce the chances for accidents to happen

Remember, an orderly house keeps hazards to a minimum, a cluttered house is an invitation to accidents

New get-up-and-go power



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PINCOR

Purina Dairy Conditioner Special can prepare cows for good production at low cost

If you're not among the many good local dairymen who have started mixing Purina Dairy Conditioner Special with your own grain to build a research-proved dry cow ration, it can pay you to check into this low-cost way of feeding dry cows.

Purina Dairy Conditioner is a 16 percent protein ration, fortified with extra Vitamins A and D plus phosphorus to help guard against milk fever.

To help you save on dry cow feeding, Purina Research recommends varying feeding levels, depending on cow condition and the quality of your roughages. For example, if a cow is in good condition and your roughages are of excellent quality, you would feed less Purina dry cow ration than if the cow were in only fair condition and if the roughages were of only fair quality.

Using Purina Check-R-Mix® formulas we can build you a low-cost dry cow ration, combining Purina Dairy Conditioner with your grain Or, if you're feeding low-protein roughages, it may pay you to feed Dairy Conditioner "straight" — just as it comes from the bag.

More and more successful area dairymen are proving that good dry cow feeding pays off in extra cow condition — and extra milk production in the next lactation For example, 100 to 200 pounds of additional body weight at freshening can pay off in 1,000 to 2,000 pounds of extra milk during the lactation.

Drop in soon and get your free copy of the Purina Dry Cow Program folder. We'll be glad to point out how Purina Dairy Conditioner Special can help prepare your dry cows for good production at low cost

*Reg. Trademark—Ralston Purina Co.

John J. Hess, II, Inc.
Ph: 442 4632
Paradise

John B. Kurtz
Ph· 354-9251
R. D. 3, Ephrata

James High & Sons
Ph· 354 0301
Gordonville

West Willow Farmers Assn., Inc.
Ph 464-3431
West Willow

Ira. B. Landis
Ph: 394-7912
1912 Creek Hill Rd., Lanc.

Wenger's Feed Mill Inc.
Ph· 367-1195
Rheems

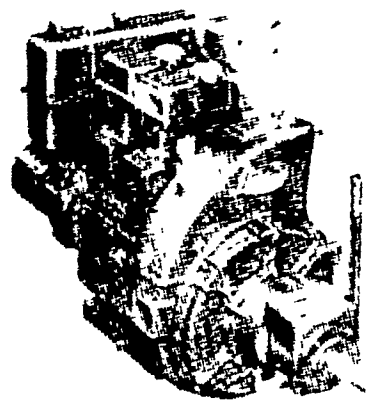
PURINA CHOWS®

DISTRIBUTOR FOR

LISTER DIESELS

SALES - PARTS - SERVICE

We sell from 3 1-2 K. W. to 100 K. W. Generator Sets.



Lister Diesels can be mounted on various pieces of equipment.

FREE ESTIMATES ON SET-UPS
Such as: Irrigation, Refrigeration, Electric Generating Plants, etc.

Also Creamery Package Bulk Milk Tanks

C. B. HOOBER & SON

Intercourse, Penna. **Phone: 768-8231**

PUBLIC SALE

OF FARM EQUIPMENT

MONDAY, MAR. 9, 1970

Will be offered at Public Sale at M. M. Weaver and Sons Farm Equipment Store, Massey-Ferguson Sales and Service. 4 miles west of New Holland on Route 23, one and one-half miles northeast of Bareville, on the North Groffdale Road, one mile on the right, opposite the Groffdale Mennonite Church, the following, to wit:

TRACTORS

MASSEY FERGUSON — 1130 Diesel only 700 hrs.; 1100 Diesel only 1000 hrs; 175 Diesel; 35 Diesel with power steering; 65 Gas Row Crop; 50 Gas Row Crop; 98 Diesel Ferguson 30
FARMALL — 560 Gas Row Crop, 400 Gas Row Crop; 200 with cultivators; 300 Utility; B414 Diesel
JOHN DEERE — 50 with 3 pt; 60 with 3-pt; 110 with mower and blade, "A" and "B"
ALLIS CHALMERS — WD45 with loader; D14, G
OLIVER — 77 Diesel, OC6 Diesel crawler with loader.
FORD — 6000 Diesel, Super Major.
MINN-MOLINE — 445 Gas; 5 Star.
DAVID BROWN — 990 Diesel
CASE S C

PLOWS AND TILLAGE EQUIPMENT

New MF semi-mounted spring trip, 4, 5 and 6 bottom plows; John Deere, Oliver and Massey Ferguson 3 bottom spring trip plows; John Deere Rotary Hoe; John Deere cultivator for 50; 5 used Disc Harrows; Ford Cultivator

SELF-PROPELLED COMBINES

IH 203 with 13-ft Grain Table, 2 Row 227 Corn Head, Cab, Radio and Power Steering, Oliver 25 with 10 ft Grain Table and 2 Row Corn Head.

FORAGE AND MISC. EQUIPMENT

New Grove Forage Wagon, New Massey-Ferguson 16-ft Forage Box, Allis Chalmers Forage Wagon, IH 9-knife "16" Forage Harvester with corn head, Ford 2-row mounted and 1-row Corn Picker, Case Rotary Cutter, AC Blower with engine, Starline Liquid Spreader; New Holland 331 Spreader, New Idea 201 Spreader, John Deere, Ontario and Massey Harris Grain Drills, 3 used Sauder Manure Loaders, New Holland 30-ft Elevator

This is only a partial list We expect additional 20 Tractors and a lot of Used Equipment consigned by Farmers and Dealers. Consign Farm Equipment only by contacting us in advance, our aim is to consign equipment only that will be sold

Financing available day of sale

Sale begins at 10 00 a m with Small Items: 10 30 a m Farm Machinery in field, 2 00 p m Tractors

Monday, March 9, 1970 When terms will be made known by

M. M. WEAVER & SONS
North Groffdale Road, Leola, Pa.
Ph: 717-656-7702

Paul Z. Martin, Auctioneer
George Weaver and Wm. Z. Martin, Clerks

During Week of Our Annual Auction Sale we are offering Big Savings on New Massey-Ferguson Tractors and Plows.
See Them on Display on Auction Day.

New Beef Records Center Organized

A new cattlemen's service organization named the "American Beef Records Association" has been started in Kansas City to provide services heretofore unavailable to the nation's commercial cattlemen and others using semen of new breeds

The new ABRA organization will serve as the nation's central data processing agency for processing ancestral and performance records for these cattlemen ABRA will benefit from 70 years' technological experience and know-how as well as the complete electronic computer system of an established major beef breed association

ABRA is a subsidiary of the American Polled Hereford Assn., but will be operated independently with its own managing director, it was explained in the announcement from Leon Falk Jr., Pittsburg, president of the APHA.

In the unprecendented move for a major breed association to extend the use of its technological experience and programming systems to the rest of the beef industry, Sweet said ABRA will have the "instant capability" to provide commercial cattlemen and new breed groups with similar ancestry and record program services now available only to registered breeders at nominal costs

"It requires several breeding crosses to establish a breed," Sweet explained "The users of semen on other breeds of cows are in need of a service center processing performance records and keeping continuous ancestral records The Guide Lines-Performance Ancestry Record (PAR) Certificate serves that need The PAR Certificate will be available thru ABRA"

the FUTURE is HERE with REX

SELF-UNLOADING
forage box BY **LANCO**
LOCKE, N.Y.

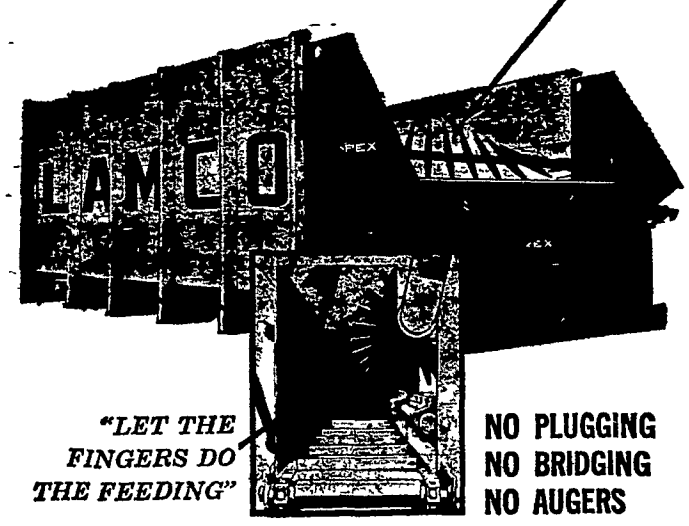
FUTURE
THE BOX DESIGNED WITH THE FARMER IN MIND

SIMPLE . . .
Worm Driven. Main Apron
Worm Driven Beaters

STRONG . . .
Built with Good New York Oak (Dimensional Lumber)

SMOOTH . . .
NO RATCHET

SAFE . . .
FINGER FORCED FEEDING
("PEELS" OFF THE LOAD)



"LET THE FINGERS DO THE FEEDING"

NO PLUGGING
NO BRIDGING
NO AUGERS

NO AUGER - NO RATCHET
For
Smooth, Easy, Trouble Free Handling Of Heavy Loads

Now is the time to buy — LAMCO 14' 2 beater FORAGE BOX mounted on heavy duty wagon w/telescoping tongue and 10:00 x 15 8 ply new tires.

$1595.00

Deduct $100.00 During December
75.00 During January
50.00 During February
25.00 During March

Also pre-season Bale Throw Racks and Feeder Racks.

KINZER EQUIP. CO.

Your Equipment Center in Lancaster County

Box 23, Kinzer, Pa. **Phone 442-4186**

Scott Hits Pollution In Health Hazard Bill

Pennsylvania's U S Senator Hugh Scott (R Pa) today joined as a sponsor of legislation to require an immediate in depth study of the hazards posed by pollution to the nation's health. The Republican Leader became a sponsor of S 3316 the Health Hazards of Pollution Act

This bill would require a study by the Department of Health, Education and Welfare of what can be done in the period before pollution can be abated to reduce the hazards to the nation s health

"Pollution of all kinds not only threatens the environment around us but also erodes our health as individuals Our concern should be heightened by the realization that those who are affected the most, predominantly the aging and already ill now often do not even perceive the threat that surrounds them

"Even more tragically, we have persistently ignored the means within our grasp to help abate, not just the pollution itself, but also many of its terrible consequences to health," Senator Scott said

"It is well documented that both the ongoing presence of impurities, and serious and sudden pollution emergencies, can cause widespread disease and even death

"Let me add a word of caution Under no circumstance should any possible alleviation of the immediate health hazards of pollution be allowed to dull or dampen the broad national effort to abate pollution itself."

Swine Growers Warned On Raw Garbage Feed

State Veterinarian Dr T. A. Ladson cautions swine herd owners that swine fed improperly cooked or raw garbage are subject to quarantine for the life of the animals

Such swine are officially considered "possibly exposed" to hog cholera and are quarantined to the premises

The swine cannot be taken to a federally-inspected slaughter house or meat packing plant. They can be moved only to slaughter under special permit after a 30-day waiting period to a plant under State inspection

Since most state-inspected plants do not handle many swine, the problem of slaughtering such animals can be a difficult and time-consuming problem.

The Animal Health Department requires a license for owners feeding garbage to swine. The license is subject to revocation on evidence of feeding any raw or improperly cooked garbage

"Never," Dr Ladson urges herd owners, "feed raw garbage to your swine, and always make absolutely sure garbage fed to swine has been completely and properly cooked"

Furnace Filter

When a furnace runs nearly all the time during periods of bitter long cold the furnace filter may need changing more than once during the winter. Temporary-type furnace filters are not expensive, and are usually easy to change, reminds Joseph S McCurdy, extension agricultural engineer at Pennsylvania State University.

Try A Classified — It Pays

13 FFA Members Get Gold Award

Thirteen Lancaster County FFA members received top gold medal awards for record keeping in recent state competition in Harrisburg.

Fourteen other county FFA members took silver, 15 bronze and seven honorable mention awards in competition with more than 2,000 FFA members in Pennsylvania.

The contest is designed to teach the Future Farmers how to keep records, as well as use and interpret agricultural statistics

Gold medal winners were Ken Sensenig, Clark Stauffer, Jay C Zimmerman, and Dale Martin, of Ephrata, Thomas Aaron, Richard Aument and Adolph J Bensinger, Solanco, Nelson E Martin, Ken Fox, and Sam Trupe, New Holland, Roger Leaman, Pequea Valley; Burnell Buchen, Manheim Central, and Melvin Stoltzfus, Lampeter-Strasburg

Silver awards were won by Nelson Weaver, Tom Bollinger, Robert Harting, James Weaver, Ricky Pfautz, Clifford Martin, and Dennis Palm, of Ephrata, Larry Myers, Carl Kreider, Charles Smith, Dale Bollinger, Solanco Charles Crowe Jr, Elizabethtown, and Alvin Schlouch, New Holland

The Grassland Chapter of New Holland also won a silver award for scrapbook

Taking bronze awards were Fred Edwards, Lloyd Welk, Jay Hastings and Leroy Welk, of Solanco; Amos Sauder, Douglas Shenebergar, Dale Nolt, Wilmer Groff, and Marlin Fahnestock, of Manheim Central.

Clair Witwer, Lampeter-Strasburg; Paul Clark, Pequea Valley; Nelson Weaver and Carl Musser, New Holland; Kenneth E Grube, Warwick; and Ricky Pfautz, Ephrata.

Honorable mentions were awarded to Dennis Martin, David Harting, Marlin Bollinger, and Jeffrey Pfautz, Ephrata; Matt Young, Solanco; and Joseph Lefever and Gerald Wolfe, Manheim Central.

Farm Income Up In 1969

Cash receipts from farm marketings, nonmoney income and government payments, realized gross income, farm production expenses, realized net income were all up seven to eight per cent last year, USDA reported last week.

Cash receipts from farm marketings totaled $47 4 billion, seven per cent above a year earlier, while nonmoney income and government payments jumped from $6 7 billion to $7 2 billion, an eight per cent hike

This boosted realized gross farm income to $54 6 billion, up seven per cent from 1968

Production expenses totaled $38 6 billion, up seven and a half per cent but left a farm operators' realized net income of $16 0 billion, up eight per cent A net change of farm inventories of $200 million boosted farm operators' total net income to $16 2 billion (Farm Income Situation).

Realized net income per farm averaged a record $5,401 during 1969 That's up from $4,841 for 1968

Arizona continued as the Nation's leader Realized net income averaged $29,471 there, compared to $26,546 in 1968

Five other States had averages above $10,000(however These included Hawaii, $18,836, California, $17,319. Florida, $16,510, Delaware $13,855, and Connecticut, $10,418

On the other end of the scale, net realized farm income in Alaska, at $435 per farm, was the Nation's lowest, while West Virginia's, at $735 per farm, was the mainland's lowest

Try A Classified — It Pays

PUBLIC SALE
OF FARM EQUIPMENT

Location: Northeast of Lancaster, 1 mile North of Rt. 222, 2 mile East of Rt. 501 (Neffsville) just off Rt. 722 along John Landis Road.

THURSDAY, MARCH 5, 1970

Very good line of Farm Equipment:
Farmall 460 tractor; Farmall H tractor;
Oliver Super 55 tractor with 3 point hook-up.
All Tractors in good condition.
268 PTO New Holland baler with thrower
(Excellent condition)

No 31 International 2 point hook-up 3 bottom plow; Oliver 3 point hook-up 2 bottom plow, Int disc w/hydraulic lift; John Deere 3 section harrow cultipacker, Stauffer tobacco planter; John Deere 246 3 point corn planter; Black Hawk 3 point corn planter, weed sprayer, 3 point, 3 point cultivator, 2 row tobacco hoers, 3 sets of double tobacco ladders, No 10 pull-type New Idea corn picker, Hawk-Built tank Manure spreader, New Holland crimper, Oliver semi-trailer 7' mower PTO for crimper; John Deere side rake; Int loader, Sauder loader and 6' bucket; 3 flat wagons; 1 - 750 gal water tank on wagon; 1 - 3 point scraper blade, Maulkey elevator; Ontario grain drill, electric grass seeder; Wood roto-beater; John Deere flail chopper; Metal outside hay rack

Fairbank Beam scales, anvil; Vise, Feed cart, bale press, Duo Therm heater & 290 gal oil tank, 2 Hydraulic cylinders; double S S wash tubs; Gas water heater

1 CRIB OF CORN (approx. 15 ton)

Some Household Good Numerous articles not mentioned

SALE AT 12:00 NOON BY

TITUS M. HURST
R#2, Lititz, Penna.

Diller & Kreider, Aucts.

Lunch Available

PUBLIC SALE
OF DAIRY CATTLE & FARM EQUIPMENT

MONDAY, MAR. 9, 1970
11:00 A. M.

Located 7 Miles Northwest of Manheim along the Colebrook Road, near Mastersonville, Lanc. Co., Pa.

41 HEAD OF CATTLE

30 Head Holstein Milk Cows — Some fresh and springing,
7 Bred Heifers — 4 Heifers 6 to 8 mos. old

4 TRACTORS

3020 John Deere, John Deere B with cultivators and tobacco hoers; Oliver 50 Diesel, Sauders manure loader, snow blade and rear cultivator Farmall Super A with cultivators and tobacco hoers

Oliver 3 - 16 plow 3 pt (used 1 yr), Oliver 2 - 14 inch Radox plow 3 pt , John Deere 28 disc harrow on rubber, John Deere offset disc, #44 John Deere 2 - 14 trailer plow, John Deere cultipacker sealed baring 10 ft , John Deere harrow, McCormick portable PTO dryer, John Deere manure spreader PTO, John Deere fertilizer drill, New Idea corn picker, Massey Ferguson baler, John Deere 7 ft grass mower, hay rake, New Holland bale elevator, 4 row McCormick corn planter, Oliver field sprayer 275 tank, weeder 3 pt , Hershey 2-row tobacco planter with cylinder, Hershey tobacco sprayer & trailer, 3 double tobacco wagons, single tobacco wagons, Bemis single-row tobacco planter, Oliver 13 disc grain drill on rubber, 2 rubber-tire wagons with beds, 10,000 tobacco laths, grass seeder, portable air tank, Stewart cow clippers, barn lime spreader, tobacco shears, cattle rack for pick-up truck, 1962 Inter ¾ Ton Truck

MILKING EQUIPMENT — 4-unit Surge milkers, Surge milker pump, 12 can Surge open-front cooler, stainless steel double wash tubs, stainless steel buckets 2 milk strainers, 52-gal hot water heater, large can rack, elec heater, lots of milk cans

Many other items not mentioned

Sale to begin at 11 O'clock sharp Order of sale Small items, Farm Equip , **MILK EQUIP., AND COWS AT 2 O'CLOCK. NOT MANY SMALL ITEMS.**

Terms by :

ORVILLE GEIB

Geib & Miller, Auctioneers

Food stand by Mastersonville Fire Co

Try A Classified Ad It Pays!

ALL DAY SPRING SALE
FRIDAY, MARCH 13, 1970

On the premises located on North Maple Avenue, Leola, Pa., ½ mile off Rt. 23, (watch for sale sign).

Farm Machinery, horse drawn implements, lot lumber, steel beams, etc., etc., 3 T bolts. Sale at 9:30 A.M. sharp by

DAVID H. GOOD

Frank & Paul Snyder, Auct.

Not responsible for accidents.
Refreshments — We sell on commission.

PUBLIC SALE
Farm Equipment – Livestock, Household Goods

SATURDAY, MAR. 7, 1970
At 10:00 A. M.

3 miles north of New Holland, Pa., Lancaster County, off Route 322 on White Oak Road.

5 tractors and a full line of farming implements, Machinery and equipment. 100 head pure-bred Landrace hogs — sows, gilts and boars.

28 Holstein Heifers — 19 King Pin & 8 Gent daughters.

HOUSEHOLD GOODS AND ITEMS

Order of sale — 10:00 A.M. small articles followed by household goods, farm equipment, hogs and heifers.

RAYMOND H. WEAVER

Paul Z. Martin & Sons, Auct.
Phone (717) 354-6671

Lunch available at farm.

PUBLIC SALE
OF FARMING IMPLEMENTS AND PERSONAL PROPERTY

SATURDAY, MARCH 7, 1970

Located 5 Miles West of Manheim; between East Fairview Church of the Brethren and Hosslers Church — along Valley Road; Lancaster County, Pa. Look for Sale Signs.

OLIVER 77 with hydraulic, **OLIVER 66** with cultivators, **OLIVER 55** with Sauder loader & belt pulley; Gehl mixall grinder & mixer (like new), #268 New Holland baler, #7 New Idea corn picker, #9 John Deere 7 ft mower (3 pt), Oliver 2-row corn planter (3 pt), Oliver 2 - 14 in bottom plow (3 pt.), Oliver 2 - 14 in trailer plow, Hershey 2-row planter, Oliver heavy duty disc, #283 Cunningham hay crimper, 3-section harrow, cultipacker, Belt grain elevator, Smoker bale elevator, 2 flat-bed wagons, David Bradley hay rake, Ontario 14 in disc drill, four 20-ft. tobacco ladders and wagons, New Idea manure spreader, Oliver spreader, ground scoop, 5000 tobacco laths, Minnich tobacco press, dung sled, hay knife, hay hook, rope & pulleys, 45 ft. endless belt, platform scales, extension ladder, 3 DeLaval milkers, #73 3-unit DeLaval milker pump, double stainless steel tubs, stainless steel strainer, 14 milk cans, can rack, buckets, Stewart Warner clippers, cow ties, fence charger and steel posts, two ¾ h p electric motors, tobacco shears, 15 in terracotta pipe, 11x12 ft tarp, feed & ensilage carts, Geyer-way egg washer, chick feeders, chicken coops, anvil, vise, hog troughs, Lawn Boy mower, tools, forks, shovels

V-8 DODGE TRUCK V-License, 1950 DODGE ¾-TON TRUCK, ONE - 3 QUARTER HORSE, ONE PONY
120 YEARLING CHICKENS
40 TON EAR CORN, 200 BU. BARLEY, 200 BU. OATS
38 TON ALFALFA & MIXED HAY, 10 TON STRAW

HOUSEHOLD GOODS — 3-pc living room suite, 9-pc dining room suite, 7½ ft extension table, desk, roll-top desk, rugs (13x15, 12x13, 9'3"x15, 3 - 9x12's), G E elec stove, Singer sewing machine, Magnavox record player with AM & FM radio, 2 metal beds and springs, studio couch, benches, chiffonier, reclining chair, 4 plank-seated chairs, cedar lined wardrobe, two 9x10 porch shades, crocks (1 to 5 gal), jugs, dishes, jars, some antique dishes, pots, pans, and many other items not mentioned

Order of Sale — Household items first, then off wagon, Milking equip , corn, hay, straw, equipment

Sale to begin at 11 o'clock sharp when terms and conditions will be made known by:

IRVIN SNAVELY

Geib & Wolgemuth, Auctioneers

NOT RESPONSIBLE FOR ACCIDENTS!
Food stand by Mastersonville Fire Co.

Public Auction

of NEW and USED FARM and INDUSTRIAL EQUIPMENT

FRIDAY, MAR. 6, 1970

10 o'clock A. M.

Located on Route 181, 4 miles north of York in Emigsville — Off Interstate 83 at Exit 10 or 11.

50 TRACTORS, GAS & DIESEL — TRUCKS

John Deere 4010, 3010, 70, 520, 50, A, B, G, New International 444, 706, 460, 504, 300 utility, M. D., Super M D., Super C w/fast hitch, new cub w/fast hitch, Super A, A & Cultivator, TD 340 Crawler & blade, Cub Cadet & mower, Massey Ferguson, Super 90, 65, 50 and loader, 35, Ford 4000, 800's, NAA, 8N, 6000, 9N, plus other late model tractors.

COMBINES

International 203 w/grain head, Massey Ferguson 35 w/grain head, New Idea 701 univ. system w/corn head & grainhead, plus several more.

EQUIPMENT

Plow, wheel disk, mowers, wagons, drills, corn planters, J D 494A (like new), cornpickers, elevators, harrows, plus all types of hardware & many of your needs.

Farmers — Dealers Bring your surplus equipment in for this sale. We sell anything on commission Next sale in March

Terms: Cash

by York Co. Farm & Industrial Equipment Co., Inc.

Box 222
Emigsville, Pa.
Blaine N. Rentzel and
J. Larry Hollinger — Owners
Ph. 717-764-6412 or 717-764-5115

NOTE: All items subject to prior sale & some new items will be added.

TURKEY DRAWING

5 names will be drawn from the registered buyers at 1 00 P M.

Due to inclement weather on Feb. 14, 1970, we were unable to sell the machinery in the field. We have a lot more consigned this time.

Public Auction at Philip H. Moore, Inc., U. S. Highway 301 South, Mitchellville, Maryland, Saturday, March 14, 1970, 10 a.m. Complete sellout of International Harvester Dealer.

PUBLIC SALE

OF DAIRY COWS and FARM MACHINERY

SATURDAY, MAR. 14, 1970

10:30 A. M.

Located 9 miles South of Lancaster off Rt. 272 or 222. One mile East of Smithville, 2 miles South of Refton, 2 miles West of New Providence along Pennsy Road.

32 Head Outstanding High Grade Holstein Dispersal Sale. All stages of freshening, some fresh and close springers, TB and Bangs tested. Milking equipment consisting of 3 Universal milkers, 2 stainless steel strainers, 2 stainless steel milk buckets with lids, 2 strip cups, stainless steel wash tubs, milk cans, bucket rack, 2 sets of cow clippers, feed cart, Farmall 350 utility, three bottom pick up plow, Sauder manure loader for 350, 2 point hookup mower for 350, V.A.C. Case, two bottom pick up plow, cultivators, mower, Farmall H., International 46 power take off baler, Cunningham crimper, 4 bar John Deere rake, Smoker elevator, two rubber tired wagons, International three point hook up corn planter, Horn stalk shredder, International power take off manure spreader new web, Oliver Superior II disc grain drill, fertilizer drill, Case 28 disc harrow, spring harrow, cultipacker, electric clover seed sower, Stauffer two row tobacco planter, 2 double sets of tobacco ladders, tobacco clippers and spears, 2 baling boxes, 6000 tobacco lath more or less, tractor chains, log chains, wheelbarrow, two wheel cart, electric fencers, wire and iron stakes, snow fence, hay, corn, ropes, forks, shovels, hoes, all kinds of tools, extension ladder, platform scales, P. & Beam scales, marker, Planet Jr. garden tractor, power saw, riding mower, power mower, old license plates. Household Goods. Not responsible for any accidents day of sale.

Refreshments

SALE BY
J. LANDIS KREIDER

LLOYD H. KREIDER, Auct.
786-3394
C. L. MUMMA, Clerk
Item Receipt System by Marick & Co.

Wheat, Feed Grain

Pennsylvania farmers have signed up 94,729 acres under the 1970 feed grain program and 33,989 acres under the wheat program, according to figures released this week by the U S Department of Agriculture

The figures, however, represent only the first two weeks in of the Feb 2 - March 20 signup period

Nationwide, 14 9 million acres have been signed up under the feed grain program and 6 5 million acres under the wheat allotment program.

4-H Conservation Club Organized In County

The first meeting of the new Northern Lancaster County 4-H Soil and Water Conservation Club was held at 7 30 p m. Friday at the Hinkletown Church, four miles East of Ephrata on Route 322.

Boys and girls between the ages of nine and 19 years are eligible to join.

PUBLIC SALE

¾ Mile Southwest of Millersville on Walnut Hill Road, ¼ Mile out of Millersville toward Letort to Sun Lane Road. Follow Signs.

WEDNESDAY, MAR. 11, 1970

12:00 NOON

Ford 871 Select-o-Speed Power Steering, Wheel Weights, Good Rubber (good); John Deere M with Cults., Ford Jubilee Good Rubber, 3 Bottom 14 in., Spring Trip Plow, 2 Ford Cults with Tobacco Hoers, 7 ft. Ford. P. T. O. Mower, Ford 3 Section Spring Harrow, Ford Weeder, Ford 2 Row Corn Planter.

ABOVE ITEMS ALL 3 PT.

10 Ft E Z Flow Fertilizer Spreader, Sauder Manure Loader, I H C No 35 P.T O Manure Spreader (good), I H C 32 Disc Harrow (like new), 2 - 11 ft Cultipackers Coby & Brillion, 13 Disc Case Grain Drill on Rubber, I H. C. No. 45 Baler P T O, Case Semi-Mount Hay Rake, Vermeer Hay Conditioner, 24 ft Smoker Elevator, 3 Pt. Sprayer, 2 Flat Wagons with Sides, 2 Stauffer 2 Row Tobacco Planters, 24 ft Double Tobacco Trailer Dual Tires 8 25x20, 20 ft Double Tobacco Wagon on Rubber, 3 Single Tobacco Wagons, 2 Tobacco Presses, Tobacco Spears and Shears, 3 Feed Carts

8 Hole Hog Feeder, Hog Troughs, Cyclone Electric Seeder, Stewart Cow Clippers, 1 Ton Cap. Range Turkey Feeder (good), David Bradley Corn Sheller, Land Roller, 50 ft Endless Belt, 3 False Fronts with Winches, Planet Jr. Shovel Harrow, Garden Roto-Tiller, Triple Trees, Double Trees, Wheelbarrow, Milk Cans. 30 Gallon Gas Water Heater, Surge Milker Unit, Electric Fence Posts, 2 Controllers, Poultry Equipment, Lawn Fence Posts and Gates, Shovels, Forks, Chains, Hoes many other articles

TERMS BY
HAROLD H. GREIDER

Kreider and Diller, Auctioneers

JOHN M. NISSLEY

COMPLETE DISPERSAL

Off Route 230 at Elizabethtown take 241 west to Bosler Road, follow sale signs.

TUESDAY, MARCH 10, 1970

12:00 NOON

67 REG. AND 3 TOP GRADE HOLSTEINS

37 Cows and 11 Bred Heifers, 10 Open Yearlings, 9 Heifer Calves

TB and bangs certified, vaccinated, tested within 30 days for Interstate charts

Last 6 yr D H I A average — 15,694M, 601F We have built our herd on the blood of Osborndale Ivanhoe (EX-GM) 53 of the animals selling trace at least once to that sire

Penn Hill Apollo Snow Ball

2-5	319D	18,631M	684F

Fresh Dec. 23 — Milking 84 lb.

Penn Hill Expectation Dottie

2-4	305D	14,385M	574F
3-4	305D	16,110M	557F

Penn Hill Ivanhoe Apollo Marion (Fresh)

2-4	305D	13,658M	546F
3-4	305D	14,468M	592F

Her heifer calf by Performer — Yearling by Jack

Penn Hill Expectation Jane

2-5	305D	12,841M	514F
3-5	303D	14,043M	557F

Star Man Daughter Rosie

2-3	318D	14,199M	518F
3-3	304D	15,411M	588F

Ivanhoe Daughter Misty — 6 Lactations Average 21.012M, 806F. Fresh at 9-10 milking 90 lb. per day with 3 daughters and 3 granddaughters selling.

25 years of Atlantic breeding. Sires represented — 4 Apollos, 5 Spruceleigh Monograms, 3 Ivanhoes, 9 Marks, 6 Majestys, 3 Performers, and other Atlantic Sires.

Many bred to Bonus and Samson

Selling 1500 lb Delaware Valley milk base Sale in tent

Terms by
JOHN M. NISSLEY

Kreider and Diller, Sales Mgrs. and Aucts.

Lunch by Locust Lane Mennonite Church

4-H Club Activities

ELECT OFFICERS

County 4-H clubs will meet early in March to elect officers for 1970

Enrollment cards will be filled out and members will select projects for the coming year

Victor Plastow, associate agricultural agent for the county extension office, urged 4-H members to take as wide a variety of projects as possible

He also urged existing members to invite friends who might like to become members 4-H is open to boys and girls who will be 10 years old within the current year, but who have not passed their 19th birthday before January 1, 1970

The organizational meeting schedule for the various clubs is as follows

7 30 p m. Monday, March 2, Elm Penryn Community Club, Penryn Fire Hall

7 30 p m Tuesday, March 3, Guernsey Dairy Club, Farm and Home Center, 1383 Arcadia Road.

7 30 p m Monday, March 9, Ayrshire, Jersey, Brown Swiss Dairy Club, Farm and Home Center

7 30 p m. Tuesday, March 10, Elizabethtown-Donegal Community Club, Donegal High School Mount Joy R D 1

7 30 p.m Thursday, March 12, Lititz - Manheim Community Club, Fairland Elementary School, on Fruitville Pike about two miles southwest of Manheim.

COUNTY 4-H

The 4-H County Council voted Monday to have an exchange trip this year with Baron County Wisconsin

Baron County previously voted to visit Lancaster County

Jay Irwin, of the county extension service and a 4-H advisor along with Miss Mary Rosenberger, said council members are now working out details of the trip, which will be open to any county 4-H club member

Plans are proceeding for a candy sale to finance the trip

Irwin noted that Lancaster County 4-H will host a visiting delegation from Iowa

Irwin said plans also are underway for the annual 4-H play which is normally held around the end of April Exact date of the play and try outs for it will be announced later

CENTRAL TRACTOR
By Dudley Rohrer

The fifth meeting of the Central Tractor 4-H Club was held Tuesday evening, February 24 at Landis Brothers, Inc, Lancaster

Demonstrations were given by Jere and Tim Swarr on "Fuel Vapors Are Heavier Than Air" Dudley Rohrer on "Oil's" and Ed Leaman on "How to Check the Compression of a Tractor"

The next meeting will be held at 7 30 p m Tuesday, March 3 at Landis Brothers, Inc

Be perfectly honest with yourself if you want to have a most depressing experience

● **No-Til**
(Continued from Page 25)

for a good weed control program. "Weeds are one of the real enemies of corn."

The survey showed that in 1969 it cost the average Pennsylvania farmer $91.92 an acre to grow corn, including $34.36 for fixed costs such as depreciation, taxes, interest, land and equipment, $48.74 or 53 per cent for variable costs and $8.72 for manure or fertilizer.

He urged individual farmers to compare these figures with their own to determine if their operations are "way out of line" or if costs might be cut.

Farmers shouldn't be much concerned about the weather on the day of corn planting. What's important is that the weather be warm and sunny for about 10 days after planting The farmer should consult the long-range or five-day weather forecast to be sure it's favorable before planting.

The earlier the corn crop can be planted within this guideline, the better.

Plant distribution in the row and the overall plant population per acre is very important Many farmers get low yields by planting too many seed. Narrower rows with 10 inches between plants within the row are best, according to McGahen.

YELLOW BLIGHT

Yellow leaf blight began here in 1967, it increased in 1968 and it was "everywhere" in 1969. "Farmers should ask for resistant seed this year And they should watch their crop closely. A major part of the loss occurs at harvest time and this can be avoided by harvesting immediately upon crop maturity.

Seed moisture is not a reliable indicator of corn maturity. Some corn is mature with a 38 per cent moisture, some with 25 per cent.

When the base of the seed turns black on the cob, the corn has quit growing It's mature

Willis McClellan, Penn State extension agronomist, reviewed the weeds that were major problems in the county in 169 and likely to be back in 1970 He gave advice on how to fight them

Showing slides to help farmers identify these weeds, McClellan cited the annual broad leaves, quackgrass, and nutsedge, often called nutgrass, which is difficult to control.

He alerted farmers to Johnsongrass, normally winter killed, but a problem when it winters under certain conditions, such as when it's protected by a snow or manure cover.

Specialist To Discuss Farm Assets Transfer

A Penn State farm management specialist will speak on the systematic approach to transfering farm assets to a son or other persons at a meeting at 8 p.m. Tuesday, March 10, at the Farm and Home Center, Lancaster.

Wayne Kelly, Penn State farm management specialist, speaking on "Farm Transfer Arrangements," will discuss partnerships, contracts, corporations, installment sales and the tax advantages for a well-planned transfer of assets.

Kelly believes the planning of the transfer of assets is one of the most neglected areas of farm business management.

Try A Classified Ad

It Pays!

PUBLIC SALE

OF PERSONAL PROPERTY
FARM MACHINERY & DAIRY CATTLE

Tues., March 17, at 10:00 A.M.

Location: 2 miles northwest of Manheim on Old Line Road, turn west on Colebrook St. in Manheim, Pa.

40 REGISTERED HOLSTEINS
24 MILK COWS, 18 HEIFERS
MILK BASE OF 686 LBS.

Full line of Farm Machinery, John Deere 3020 Diesel (less than 1000 hrs.), etc.

Terms by: ROY & ARLENE B. BOLL

Stone, Kilmer & Geib, Aucts.
See listing later.

ALL DAY SPRING SALE

Wed., March 4, 1970 at 9:00 A.M.

MARTIN'S SALE BARN
Blue Ball, Pa., Lancaster County

Large assortment of tractors, equipment, machinery, implements, hardware, supplies, posts, hay and straw. We sell on commission.

PAUL Z. MARTIN
Ph. (717) 354-6671

6 AUCTIONEERS

Next sale Wednesday, March 18, 1970

PUBLIC SALE

NEW AND USED
FARM EQUIPMENT

WEDNESDAY, MAR. 11, 1970

AT 10:00 A.M., SHARP

To all farmers and dealers present before 10:00 o'clock, come to office and get a Free Ticket on a NEW 5-TON GROVE WAGON.

The undersigned will offer at public sale on the premises located ¼ mile south of Adamstown on Bowmansville road off Route 222, 9 miles west of Reading and 2½ miles east of Reading Interchange of Pa. Turnpike in Lanc. Co , Pa.

30 - 35 TRACTORS

JOHN DEERE 4020-D, 4010-D, 4010 Gas, 3020-D, 2520 Gas Demonstrator with 85 hours, 2510 Gas, 730-D, 520, 420-W with power steering, 50 and 40-B; IHC 806-D, 706 Gas, 656 Gas, 350 Gas, Super M, M on steel; Oliver 1950TD with 690 hours, 1750-D, 1650-D, 1650 Gas, 770 Gas with power steering; Ford 4000-DT Demonstrator with 210 hours; 4000 Gas, Ferguson 20, M H 44 Gas, A.C with cultivator and hydraulic, Ford 641-D; D-2 Caterpillar Crawler.

NEW EQUIPMENT — J D 10-ft and 8-ft. Roller Harrows; 12-ft. Harrow, 9-ft. Harrow; New Idea 323 1-row Corn Picker, New Idea 195-bu. 3-beater Spreader, J.D. B Grain Drill, Parker Grain Bin with wagon; J.D. 5 Flail Shredder, N.H. Flail Shredded, Farmhand Wheel Rake, J.D. 25 Sprayer, J.D. 60H Hopper Blower, J.D. 105 Rotary Mower, 5-ft. Emco Rotary Mower, J.D. 55 Demmo Combine; J.D. 24T Baler.

HAY EQUIPMENT — N.H. 271 Baler, PTO thrower; N.H. 68 Baler, N.H. 460 Hay Bind, 2 N.H. 450 Mowers, 2 New Idea Hay Conditioner, like new; J.D. Hay Conditioner, J.D. Side Rake, Nichlons Hay Tedder.

HARVESTER EQUIPMENT — N.H. SP Harvester with Chev. motor; Gehl Harvester, like new; J.D. 72 with motor; IHC 16 and 15 Harvester, J.D. 15 Flail Chopper, Fox PTO Table Blower, Kools PTO Hopper Blower, Badger self-unloading Wagon; IHC IPR Picker, like new.

CORN PLANTERS AND GRAIN DRILLS — J.D. FBB 17x7 Grail Drill, one year old; Late IHC Grain Drill, J.D. 30" 6-row Corn Planter, one year old; J.D. 494A Corn Planter, one year old; A C. 4-row Corn Planter, IHC 456 4-row Corn Planter.

DISC HARROWS - PLOWS AND HARROWS — J D KBA and Wheel Type Discs; Case 32 Wheel Type; J.D. RW Wheel Type Discs; M.M. 28 Wheel Type and Harrows; J.D. F345, F125, F130, 416 2-3-4-bottom Plows; J D 620 3-16" Plows; Oliver and A C Plows; J.D. 4-row Cultivator, Ford 3-point Cultivator; 8-10-12 Cultipackers; Oliver 566 5-bottom 16" Semi-Plow **SPREADERS** — I H C PTO Spreader, J.D N PTO Spreader, Case PTO Spreader, New Idea 12A Spreader, J.D. Spreader, J.D. R Spreader, J D. 45 Loader, Sauder Loader; Used Tractor Tires and Rims; 100 New Recapped Car Tires; J.D. Parts and Tools, Chain Saws, sold off wagon.

If you farmers need good equipment, don't miss this sale. Sale at 10:00 a.m. Terms by

EDWIN HURST, INC.
R.D. 2, Mohnton, Pa., phone 215-484-4391

Ralph Horst and Rentzel, Aucts.

Lunch will be served

PUBLIC SALE

2 DAY DISPERSAL
At Lester Snowberger Farm

Located near Loysburg, off Rt. 36, Bedford Co.

THURSDAY, MARCH 12

45 HEAD REGISTERED AND GRADE
HOLSTEIN CATTLE

COMPLETE LINE OF MODERN FARM MACHINERY

Also 235 acre Dairy Farm with 41 stalls, pipeline milker, bulk tank, barn cleaner, 8 room house and tenant house.

THURSDAY, MARCH 19

45 head Holstein Heifers, 17 bred, balance 4 to 15 months old. More complete listing later. For information Phone 814-766-2770.

Claycomb and Mishler, Auctioneers

PUBLIC SALE

OF VALUABLE
FARM MACHINERY — BLACK ANGUS BEEF COWS — FEED — PERSONAL PROPERTY

SATURDAY, MAR. 7, 1970

At 10 A.M Sharp

At R .D. #9, York, Pa. in Windsor Twp. on Millersmill Road at the Locust Lane Farm. The undersigned having sold their farm will offer at public sale the following —

BLACK ANGUS BEEF CATTLE

15 head of black angus beef cows — all bred, some with calf by side, some are registered. 1 registered black angus herd bull 4 years old. Cattle will be tested within 30 days of sale.

6 - 4-H Southdown sheep and sheep sheering equipment.

FEED

Approx. 25 ton of ear corn, approx. 5 ton mixed hay and third cutting alfalfa no-rain, approx. 8 ton wheat and barley straw.

FARM MACHINERY

John Deere #2010 (800 hrs.) wheel & front end weights — 1967 model (like new), John Deere (high compression) "A", John Deere No. 9W mower, John Deere F 45 — 3 pt. — 16" bottom mounted plow, Allis Chalmers 66 All crop combine w/AC motor and bin (fine condition), Ottawa (Ford) 10" post hole digger, Brillion 10 Ft. cultipacker, John Deere KBA (28 disc) disc, John Deere Model FB — 15 disc grain drill, Sprayer w/Century transport unit & barrels, New Holland 68 Hayliner baler, John Deere hay conditioner, John Deere hay fluffer, 26' King-Wyse elevator with motor, 16' farm wagon w/8T running gear, 14' farm wagon w/5T running gear, 14' farm wagon w/4T running gear, 3 sets of false end gates w/mech. unloading unit, Farmec model 537 silage distr. w/motor, New Idea No. 17 manure spreader, Sauder loader for Ford tractor, John Deere 4-section harrow, Ford rear cultivators, International No. 7 Fert. Distributor — 16 ft., Papec Model 35 — 1 row silage harvester, John Deere blower w/9" pipe (new), John Deere 4 bar hay rake w/rubber, Ford model 12-88 — 3 pt. corn planter, Circ. metal water trough 6' x 3', Riding 24" Moto Mower, JD umbrella with bracket, block & fall, 6 bales of baler twine, 10 x 38 Bull tractor chains, 55 gal. oil drum w/pump plus oil, 4 — 4 hole hog feeders, 1 — 8 hole hog feeder, JD tire pump, 2 hog waterers, 1 automatic cattle waterer (new), portable loading chute, portable hay rack, 6 ft. steel water trough, wheelbarrow, platform scales, Aluminum show box, lumber, 2 shelters w/Alum. roofs, Jamesway feed cart, grain cart and the usual small items off the wagons, some chicken equipment, some household goods, old cane seat chairs and other old items and many other articles too numerous to mention.

NOTE: If on the market for farm machinery and beef cows be sure and attend this sale. Beef cows & sheep will be sold at approx. noon time. Not responsible for accidents on day of sale. Refreshments available from Craley Fire Co.

Terms: Cash

JOHN JERMYN
MARY D. JERMYN

Jacob A. Gilbert, Auctioneer
Frey & Gilbert, Clerks

PUBLIC SALE REGISTER

SAT. FEB. 28—10:30 A.M. Gockley's Farm Machinery Auction at Reinholds, Lancaster County, Pa. Terms by Jacob H. Gockley.

SAT. FEB. 28—9:30 A.M. Public Sale of 39 acre farm, household goods, Antiques, Hay and Corn located ½ mile east of Intercourse on Rt. 340, Lancaster Co, Pa. Real Estate at 2 P.M. Terms by J. G. Oberholzer, Eddy Kreider and Harry W. Hoffman, Administrators for the Susie J. Leaman Estate.

SAT. FEB. 28—J. Arthur Wenger, 1 mile south of Lancaster. Farm equipment.

SAT. FEB 28—11.00 A.M located 1 mi. East of Blue Ball, along Rt. #897, East Earl R#1, Farm equipment, household goods and antiques by Phares W. and Edna M. Martin.

MON. MAR 2 — 11 00 A.M. Public Auction of Farm Equipment at Denton, Maryland. Terms by Kenneth Shaffer, Owner.

TUES. MAR. 3—Public Sale of Farm Equipment located along Rt. 23, first farm West of New Holland, Lancaster Co, Pa Terms by Menno W. Hoover.

WED. MAR. 4—9 A.M. Martin's Sale Barn, Blue Ball, farm equipment and machinery. We sell on commission. Paul Z. Martin.

THURS. MAR. 5—12:00 Public Sale of Farm Machinery, 20 ton Hay, 100 ton corn. Located along Little Britian Church Rd. 10 mi. South of Quarryville, 1½ mi. East of Wakefield, ½ mi. North of New Texas, Pa. Terms by Kenneth Rutt, Phone 717-548-2946.

THURS. MAR. 5, — 9:30 A.M. Public Sale of Ayrshire Heifers, Farm Equipment and Household Goods located 2 miles east of Intercourse, just off Rt. 340, along the Colonial Rd., Lancaster County, Pa. Terms by J. Earl Ranck.

THURS MAR 5 — 11:30 A M Public Sale of Valuable Dairy Farm and Farm Equipment situated in Penn Township, Lancaster Co., Pa., 1 mi. Northeast of Manheim along Steigel Valley Rd. Conditions by Wilbur L. Gibble, owner.

MAR. 5—Titus Hurst, near Litiz along John Landis Rd. Farm Equipment.

FRI MAR 6—10 00 A M Public Sale of New & Used Farm and Industrial Equipment located on Rt 181, 4 miles north of York in Emigsville, off Interstate 83 at Exit 10 or 11 Sale by York Co Farm and Industrial Equipment Co, Inc., Emigsville, Pa.

SAT. MAR. 7—11:00 A.M. Public Sale of Farming Implements and Personal Property located 5 miles West of Manheim between East Fairview Church of the Brethren and Hosslers Church along Valley Road; Lancaster County, Pa. Terms by Irvin Snavely.

SAT. MARCH 7—10:00 A.M. located 3 miles northeast of New Holland, along White Oak Road. Hogs, farm equipment and household goods by Raymond H. Weaver.

SAT. MARCH 7—10 A.M. Public Sale of Valuable Farm Machinery, Black Angus Beef Cows, feed, personal property at R. D. #9, York, Pa. in Windsor Twp. on Millersmill Road at the Locust Lane Farm. Terms by John Jermyn and Mary D. Jermyn.

SAT. MAR. 7—9:00 A.M.—All Day Community Sale by the Bart Township Fire Company at the Fire Hall. Items sold on commission.

MON. MAR. 9—11:00 A.M Public Sale of Dairy Cattle and Farm Equipment located 7 miles Northwest of Manheim along the Colebrook Road, near Mastersonville, Lancaster Co, Pa Terms by Orville Geib

MON. MAR 9 — 10:00 A M. An-M. M. Weaver & Sons, Leola, Pa. Consign farm equipment only by contacting Weaver's at 656-7702

MAR. 10—John Nissley, Registered Holstein Dispersal near Elizabethtown, Pa.

MAR. 11—Harold Greider, South of Millersville, Pa. Farm Equipment.

WED. MAR 11—Public Sale of Farm implements, household goods located along road leading from Durlach to Schoeneck next to Camp Rodgers, formerly Stober's Dam Sale by Lester Sauder, R D. #1, Ephrata, Pa. 17522

WED MAR 11 — at 10 00 A.M. Tractors and Farm Equipment See ad later for details. Edwin Hurst, Inc, Adamstown, Pa. Ph: (215) 484-4391

THURS MARCH 12 — Public Sale, 2 Day Dispersal at Lester Snowberger Farm located near Loysburg, off Rt. 36, Bedford Co.

MAR. 12—George Eckman, 1½ miles southeast of Strasburg, Pa. Holsteins, livestock and equipment. See Ad later.

FRI. MAR. 13 — 9:30 A.M All Day Spring Sale on the premises located on N. Maple Ave, Leola, Pa, ½ mi. off Rt. 23. Sale by David H. Good

FRI. MAR. 13—All day spring sale located on North Maple Ave., Leola, Pa, ½ mile off Rt. 23. Farm implements, used building material. By David H. Good. Frank and Paul Snyder, auct.

MAR. 14—Landis Rice, south of Letort, Pa. (Lanc Co.) Farm & Equipment, some household goods.

SAT. MAR. 14—11:30 A.M. SHARP—Public Sale of valuable Real Estate, Farm Machinery, Personal Property and Antiques. At Laurel, Pa, approximately 1½ miles North of Pleasant Valley Golf Course on the Stewartstown-High Rock Road in East Hopewell Township. Terms CASH by Mrs Roy C. Grove. Jacob A Gilbert, Auct.

SAT. MAR 14—11 30 A.M Public Sale of Modern Farm Equipment and Household Goods located four miles west of Elizabethtown, near goods Mennonite Church, just off the Bainbridge road, along the Bossler road, one mile east of Bainbridge. Sale by John M Nissley and also by Mrs Esther B Nissley.

SAT. MARCH 14 — Annual Spring Sale of Farm Equipment and Livestock, located between Alleghynville and Maple Grove, in Berks County, by Samuel Schlough and Sons.

SAT. MAR. 14—Public Sale of modern Allis Chalmers farm equipment located four miles west of Elizabethtown, near Goods Church. Sale by John M. Nissley.

SAT. MARCH 14—10:30 A.M. Public Sale of Dairy Cows and Farm Machinery located 9 mi. S. of Lancaster off Rt. 272 or 222, -1 mi. E of Smithville, 2 mi. S. of Refton, 2 mi, W. of New Providence along Pennsy Rd. Sale by J. Landis Kreider.

MAR. 17—Harry Hossler, near Holtwood, Pa. (Lanc Co.) Equipment

TUES. MARCH 17—at 10 A.M. 40 head of dairy cattle, full line of farm machinery and household goods, located 2 mi north west of Manheim on Old Line Road, turn west on Colebrook St in Manheim. Terms by Roy B Boll.

MAR. 18—Owen Hershey, Near Andrews Bridge, Lanc Co, Pa. Farm Equipment

WED. MAR 18—9 A M. Martin's Sale Barn, Blue Ball, farm equipment and machinery, We sell on commission. Paul Z Martin.

MAR 19—Benj Shank, south of Letort, Pa Lanc Co Farm & Poultry Equip

MAR 20—Vance Richardson, near Penn Hill, Lanc Co, Pa. Farm Equipment, Holstein Heifers

FRI MAR 20—12 30 P M Feeder Pig and Bred Gilts Sale located 1 mile North of Leola on Rt. 772 Sale by David A Martin, Bird-in-Hand R D #1, Pa

SAT MAR 21—12 30 P M Public Sale of Modern Farm Equipment and Household Goods located midway between Elizabethtown and Maytown just off Rt. 743, along the Bull Moose road. Sale by Walter L Keener

SAT. MAR 21 — Public Sale of Farm Equipment located along Rt 322 between Lincoln and Clay, opposite Blue Bell trailer court, Clay Twp Terms by W. Lloyd Diem

SAT MAR 21 — Public Sale of Modern Farm Equipment for Walter L Keener, located midway between Elizabethtown and Maytown along Rt 743

MAR 21—Mason Druck, west of Quarryville, Lanc Co, Pa Holstein Disp and Farm Equipment. See ad later

MAR 21—Berwick, Pa Farm Equipment & Holstein Dispersal See later ad

SAT. MAR. 21, 1970—Black Gold Farm's Sale, Forest River, No Dakota

THURS MAR 26 — 11 A.M. Public Sale of Valuable Farm Machinery at R D #12, Hellam Branch, approximately 1 mi S. of Hellam, Pa on Hellam to Yorkana Road in Hellam Twp. Terms by Howard M Emig.

MARCH 28—Public Sale of Farm Machinery and Furniture for M. David Brubaker, 1 mi W of Donegal High School, ¼ mi S. of Kraybill School on Kraybill Church Rd, R D #1, Mt. Joy.

APRIL 2—Richard Barr, near Quarryville, Pa Farm Equipment, some household goods

APRIL 16—Eugene Boll, near Erisman's Church, east of Mount Joy, Pa Registered Holstein Dispersal.

MAY 2—Benefit Sale to be held at Refton Fire Hall by New Providence Church of God.

JUNE 30—Levi W. Mast, Clay, Pa., Berks Co. Registered Holstein Disp. See later ad

MON AUG 24—Shalco Collpssal Vacation Sale, Minatare, Nebraska.

FRI. NOV. 6—Colossal Bull Event, Sugar Loaf Farms, Staunton, Virginia.

Public Sale

Of Valuable Dairy Farm and Farm Equipment

THURSDAY, MAR. 5, 1970

Situated in Penn Township, Lancaster Co., Pa. 1 mile northeast of Manheim along Stiegel Valley Road.

80 ACRE FARM 80

Farm consists of 80 acre gravel soil. 62 acres in high state of cultivation. Balance in pasture with stream and ½ acre pond. Improvements thereon 2½ story 11 room brick house 1st floor: large modern kitchen and dining room Living room, 2 bedrooms, 1½ bath. 6 room apartment on 2nd floor, private entrance, modern kitchen, bath. Attic. Cemented basement with fireplace. Oil fired hot water heat

Large bank barn with stanchions for 33 cows, 12'x28' tile milk house attached. Free stall shed for 72 cows, maternity pens, heifer barn with 31 free stalls, tobacco shed, farm shop and storage shed, 2 car garage. 2 drilled wells with pressure water systems. Water piped to all necessary buildings. 400 ampere electrical service

Buildings in good state of repair Approximately 1600 ft bordered by township road. Don't miss this sale.

Individual sale of 20'x60' Harvestore Silo with Goliath silo unloader. Fickes 20'x60' concrete store silo. Clay silo unloader, Badger 70 ft. and 30 ft Auger bunk feeders. Auger feed conveyors, 3 electric cattle waterers. 5 ton metal feed bin. 15,000 watt P.T O. generator.

FARM EQUIPMENT

Oliver 1850 RC diesel tractor, 635 hours Oliver 6-14" semi-integral trip plow Oliver 880 RC gas tractor Oliver 770 RC gas tractor Oliver 60 tractor, cult planter John Deere #38 harvester 2 row crop, and pickup Bear Cat flail chopper, Gehl blower with recutter, Gehl Blower and pipe, 2 Gehl forage wagons, 3 beater with extension sides, and roof's, Oliver #50 P T O baler, New Idea side rake, 2 farm wagons, John Deere 36' elevator, Meyer hay conditioner, Oliver 3 pt mower, John Deere 494-A 4 row corn planter, Oliver grain drill, Ford 1 row semi-mtd picker, New Idea 195 bu flail manure spreader, John Deere #400 grinder-mixer

Oliver 3-16" 3 pt trip plow. Oliver 9 ft wheel carrier disk, Brillion 10' pulvimulcher, trailer disk, spring tooth harrow, 2 peg tooth harrows, Tryco 3 pt field sprayer, Ford 3 pt cultivator, 2 horse sled, double tobacco ladders, 3000 lath, cement mixer, fanning mill, tractor saw, feed cart, steel bull panel stanchion, and gate, 50' endless belt, electric fencers, animal clippers, grease gun, oils, greases, rakes, forks, shovels, and numerous other items.

4-Ton Straw — 2-Ton Ear Corn

SALE TO COMMENCE AT 11:30 A.M.
REAL ESTATE 2:00 P.M.
INSPECTION AT YOUR CONVENIENCE

Conditions by

WILBUR L. GIBBLE
OWNER

Auctioneer, Earl S. Buffenmeyer
Clerks, Zug and Brandt.
Attorney, David J. Young

REFRESHMENTS ON GROUNDS

Public Sale

Of Ayrshire Heifers

Farm Equipment, Household Goods

THURSDAY, MAR. 5, 1970

Located 2 miles east of Intercourse, just off Route 340, along the Colonial Road, Lancaster County, Pennsylvania.

19 AYRSHIRE BRED HEIFERS

All registered, calfhood vaccinated, TB and blood tested and pregnancy checked Sired by the top sires of the breed Bens Ace, Bright Star, Debonair, Royal Count, Hit Parade, Golden Bingo II and Ardrossan North Wind

Bred to a son of Bright Star and out of a Betty daughter with 16,052M, 635F, at 2 years old All above are due in June, July or August

FARM MACHINERY

5 TRACTORS

656 I H Diesel tractor, 3-point hitch, 706 I H gas tractor, 300 I H tractor, Super C-I H tractor, fast hitch, C tractor, 203 I H combine, No 2000 manure loader, I H No 47 baler, I H No 14 hay rake, I H No 5 hay rake, I H No 5 field chopper, I H 816 mower conditioner, I H 2-row corn planter, 2 M H corn picker, I H fast hitch mower, I H 36 Transport disc harrow; I H 28 disc harrow, IH No 10 grain drill; IH No 30 manure spreader, Brillion 9' cultipacker, Chattogune 9' cultipacker, No 300 3-section spring harrow, 4-bottom 16" trip plow, Grove forage wagon, I H rubber tire wagon 16' bed; 2, Cobey rubber tire wagon, 16' bed 24' Smoker elevator; Myers weed sprayer, air compressor and grease gun, New Holland fertilizer drill; dump rake; Continental post hole digger; steel-wheel wagon with tobacco ladders, set of tobacco ladders, 3 Minnich tobacco bale boxes, tobacco sheats and spears; approximately 10,000 tobacco lath, 2 stripping room stoves, Boggs potato grader; electric fence posts and wire, 2 weed choppers; cow clippers, shovels, forks and tools, etc

APPROXIMATELY 60 TON OF EAR CORN

HOUSEHOLD GOODS

12' extension table; 2 vanity dressers; bookcase and desk combination; 12'x12' rug, 2 linoleum rugs, etc

Order of Sale: Household Goods, 9 30 a m, Wagon Tools, 10 00 a.m., Farm Machinery, 12 noon, Cattle 2 p m.

Auct. Note — A good line of I H farm machinery.

TERMS BY

J. EARL RANCK
Phone: 768-8133
Lunch available.

Leroy Zook, Auctioneer
Milton Brubaker, Pedigrees

AGWAY

If you're not boosting profits, your future may be behind you.

AGWAY CAN HELP YOU TO INSURE YOUR FUTURE GROWTH.

HOW!

THE AGWAY DAIRY PROGRAM INCORPORATES PROVEN PRACTICES IN

- CROPPING
- FEEDING
- HERD MANAGEMENT
- MATERIALS HANDLING

CALL FOR AN AGWAY ENTERPRISE SALESMAN

G & G Feed & Supply
872 Mt Joy Road
Manheim
665-5001

Henry B. Hoover, Inc.
27 N. State St
Ephrata
733-6593

Lancaster Store
Manheim Pike and
Dillerville Road
Lancaster
394-0541

New Holland Store
219 S. Railroad Ave.
354-2146

M. M. Good & Son
R D #1
Gordonville
768-3781

Mrs. Jacob L. Kurtz
1160 N Market St
Elizabethtown
367-5430

Wilson M. Scott
R D #1
Willow Street
464-3521

Quarryville Store
27 E. 4th St.
786-2126

SHOP AGWAY FOR FULL VALUE — SERVICES and PRODUCTS